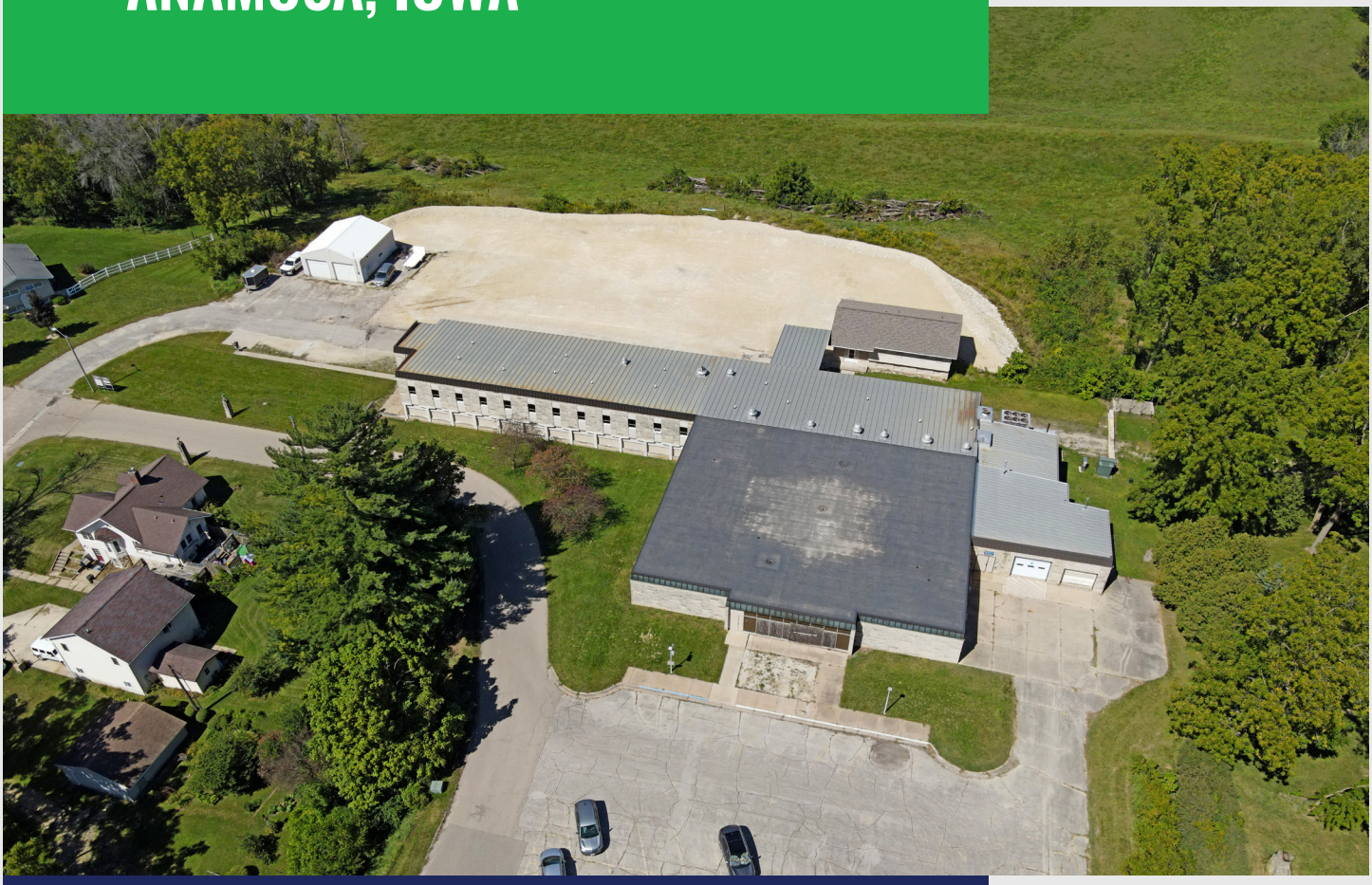
SITE REUSE PLAN

104 BROADWAY PLACE
ANAMOSA, IOWA



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1.1 PURPOSE OF PLAN

A site reuse plan is utilized as a guiding document for the redevelopment of a specific site. The plan takes into consideration a variety of considerations, including demographics, economics, community visioning and public input, area use study, alternatives study, environmental, and site design reuse concepts. The goal of this plan is threefold:

1. Identify potential reuse assets, weaknesses, barriers, and opportunities specific to the brownfield site.
2. Develop realistic site reuse options rooted in feedback provided by the community.
3. Create a site reuse plan that considers existing plans, community demographics, and local economic conditions.

1.2 BROWNFIELD BASICS

A brownfield is a property that contains or is perceived to contain environmental contamination, thus impeding redevelopment. In general, the property is not fulfilling its best use and assessment work should be completed prior to redevelopment. Environmental contamination varies from property to property, but may include petroleum, asbestos containing materials, lead-based paint, and heavy metals or other hazardous substances. Brownfields are generally abandoned, idle, or underused properties, or vacant land, with or without structures. Basic assessment work, in the form of a Phase I Environmental Site Assessment (ESA) is needed to determine the likelihood of the presence of a hazardous condition, with additional assessment work, in the form of a Phase II Environmental Site Assessment or a Hazardous Materials Assessment to determine the extent of the contamination. Based on conclusions from these second-tier assessments, clean-up may be required to further prepare the property for redevelopment.

1.3 STUDY AREA

In October of 2018, Livjoyfull, LLC (Livjoyfull) purchased the property located at 104 Broadway Place in Anamosa, Iowa. A Site Location Map is provided in Appendix A. Livjoyfull (Owner) worked with Jones County Economic Development and the East Central Intergovernmental Association (ECIA) to secure financial assistance related to redeveloping the property. ECIA directed the workflow of the grant including contracting with associated qualified partners to complete the required environmental assessments, conduct public input activities and site reuse planning, and develop 2D site plans for redevelopment.

The property consists of one 20,215 square-foot stone building with an approximate 1,585 square-foot single-family dwelling connected with an elevated walkway and associated parking lot. The stone building was constructed in 1966 and the residential dwelling in 1970. The large building was originally constructed for medical purposes. The property is bordered on the north by vacant land, south by a parking lot and public health building, east by residential properties, and west by Broadway Place and residential properties. The property is located in a mixed-use residential and civic area.

The planning team was tasked with incorporating the needs and desires of the community to create a plan for redevelopment that reflected both the intentions of the Owner and the community's desires.

1.4 PLANNING PROCESS

The site reuse planning process utilizes information generated during assessment activities to create a realistic plan for the potential reuse options for the property. Typically, the process assesses a range of desired reuse scenarios. The site reuse plan adhered to the following process:

STEP 01 Map the property and parcel boundaries and define property features.

STEP 02 Determine developable area of the property that considers existing environmental and building assessments.

STEP 03 Develop a reuse vision by meeting with stakeholders to gain valuable insights.

STEP 04 Identify project liabilities and risks by evaluating strengths, weaknesses, opportunities, and threats.

STEP 05 Evaluate market viability and gather area demographic data.

STEP 06 Develop a financial analysis and evaluating project economics.

STEP 07 Create a public planning process that provides for meaningful community engagement that will help identify potential community needs and concerns.

STEP 08 Develop redevelopment recommendations, and prioritize based on safety and volume of feedback.

STEP 09 Determine scenarios and alternatives while considering project feasibility.

STEP 10 Evaluate project feasibility.

STEP 11 Identify property disposition strategies.

STEP 12 Provide recommendations and timeline.

1.5 PARTNERSHIPS

Livjoyfull, LLC purchased the property in 2018 and is the current owner of the property. The owner's goal is to redevelop the property into a viable use based on community support. The owner does not have a specific use or vision in mind for redevelopment.

East Central Intergovernmental Agency (ECIA) is a council of governments created in 1974 whose goal is developing regional solutions for local governments facing similar problems. ECIA provides services to enhance the quality of life for eastern Iowa communities located in Cedar, Clinton, Delaware, Dubuque and Jackson counties. The ECIA Brownfield Coalition was awarded a $600,000 Brownfield Assessment grant from the EPA in 2020. Funding for this project was provided as part of ECIA's $1,000,000 Brownfields Assessment grant in fiscal year 2023.

Jones County Economic Development is a public/private partnership dedicated to strengthening the economic base in the region by assisting existing businesses, attracting new investment and jobs, and fostering a business climate favorable for economic growth. Jones County Economic Development was awarded funding from ECIA for the following brownfield services: Phase I Environmental Site Assessment, Hazardous Materials Assessments, structural assessments, site reuse planning, and civil engineering services.

Eocene Environmental Group (Eocene) is an environmental consulting firm that focuses on redeveloping underutilized properties for new use. Eocene was selected by Jones County Economic Development and ECIA to lead the site reuse planning process for the Former Jones Regional Medical Center building.

Confluence is a landscape architecture, planning, and urban design firm formed in 1998 that believes in the transformative power of creative collaboration with a genuine approach - bringing together people, ideas and creative process to shape the future of our communities. Confluence led the design phases of the site reuse planning process, which included providing expertise at public events, and developing conceptual renderings for potential reuses of the structure and greater property.

Eocene would like to extend our thanks to all project partners involved with this project, including the Anamosa Chamber of Commerce and others not listed here. Special thanks to the local community and stakeholders that took their time to share desires, opinions, and goals for the future of this property.

2.1 HISTORIC AND CURRENT USE

The property is located at 104 Broadway Place in Anamosa, Iowa and privately owned by Livjoyfull, LLC. The property consists of approximately 4.61 acres and is identified as parcel number 0903427014. The building is currently vacant and was most recently utilized by the Jones Regional Medical Center until approximately 2016. The properties to the north of the site consist of undeveloped land, residential development is located to the east and west of the site, and a Jones County building and residential properties are located south of the site.

Based on information from the Phase I Environmental Site Assessment, a review of the historical sources indicated the property was developed from at least 1917 through the mid-1960s with a portion of Mercy Hospital. By 1966, the current buildings were constructed and used as a hospital until approximately 2010 and medical offices operated until 2016. In 2019, fill materials were placed north of the hospital building, with additional fill and gravel added until present day. The surrounding areas to the west, south, and east have been developed since at least 1893. The area to the southwest has been developed with the Iowa State Penitentiary and associated buildings from at least 1893 through the present.

2.2 PREVIOUS ASSESSMENTS

2.1.1 Phase I ESA

Blackstone Environmental, Inc. conducted a Phase I Environmental Site Assessment (ESA) on the Property in December of 2023. Phase I ESAs are used to identify recognized environmental conditions associated with the property that may hinder redevelopment. A copy of the Phase I ESA is in Appendix B. The Phase I ESA identified the following Recognized Environmental Conditions (RECs):

1. The presence of one 8,000-gallon heating oil underground storage tank for approximately 58 years.
2. The likelihood of asbestos and lead-based paint based on the age of the structure.

2.1.2 Limited Hazardous Materials Survey

Based on the potential risks identified in the Phase I ESA, Blackstone Environmental Inc. conducted a Limited Hazardous Materials Survey to inspect the property for asbestos containing materials (ACM) and lead-based paint (LBP) in March 2024. The intent of this inspection was to locate, identify, and quantify LBP and ACM that would be impacted during future renovation activities. The ACM inspection identified carpet mastic on the first floor, sheet flooring and mastic on the first floor, sheet flooring and mastic on the second floor, and black backing/mastic on the second floor to contain asbestos. Lead-based paint was detected in 1 of the 65 analyzed samples completed at the residential structure and none of the samples collected at the hospital contained LBP greater than or equal to 1.0 mg/cm^2. Samples containing LBP in the residential structure were found in the original painted door transitions. The full inspection report detailing positive asbestos and lead-based paint samples can be found in Appendix C. Based on the inspection report, the ACM/LBP should be addressed prior to redevelopment.

3.1 PURPOSE

Community involvement engages the public in the decision-making process and enables the public to help develop the overall vision for redevelopment. Public participation consisted of a series of activities over the lifespan of the project to both inform the public and obtain input on the project.

To achieve better results and more easily implement projects, decisions that reflect public interests and values and are better understood by the public were sought through public participation. By incorporating public vision into final design, the public engagement process creates a sense of ownership, making the public more invested in the outcomes and success of a project. Community values and concerns are learned, and decisions are less likely to be challenged.

While gathering community input, a wide range of views and concerns were considered, while providing fair treatment, meaningful involvement and social inclusion for all people regardless of race, color, national origin, sexual orientation or income, with respect to the development, implementation, and decisions made through the public participation process.

Community involvement allows stakeholders the opportunity to shape decisions that affect their everyday lives. Public input was sought by different methods throughout the process, specifically on the issues with potential to help shape the decision.

The planning team met with Jones County Economic Development to determine a reasonable level of public participation and the boundaries of influence for the public. After the boundaries were set and opportunities were presented, goals and purpose of public participation were established. Avenues for public participation were then communicated to the public through events and marketing with the overarching goal of providing the community with quality and realistic site redevelopment alternatives while empowering the owner to make the best redevelopment decision based on accurate and reliable public input information.

Through interviews, ongoing discussions, and opportunity for review, local stakeholders were involved in establishing how to best gather data and successful means of communication and marketing through lessons learned, actual data, and local community knowledge. Transparency in communication was important to build trust, provide accurate and timely information, and boost inclusivity in the decision-making process. An effort was made to ensure inclusive and accessible representation including free participation to reduce any financial barrier, hosting events at public and accessible locations, and by offering different methods of providing input.

A variety of input methods was used to inform the public, gain valuable insight and create consensus to reach a shared vision. The Site Reuse Planning Process included several community engagement activities: one focus group interview, one public survey, one open house, and one public input event. The following methods of data gathering were used:

- Digital and print survey
- Social media
- Informational board
- Visual preference boards
- Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis
- Open dialogue

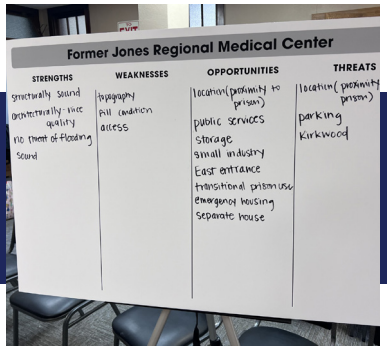
The planning team utilized email and social media to publicize the project.

3.2 STAKEHOLDER FOCUS GROUP MEETINGS

After brainstorming with Jones County Economic Development and based on past local knowledge and experience, community members were identified and stakeholder focus groups were invited, including participants from the religious community, educational sector, current owner, ECIA, City of Anamosa, Jones County Economic Development, neighbors, Jones County, Anamosa State Penitentiary, local community college, Jones Regional Medical Center, local business owners, Anamosa Chamber of Commerce, Jones County Tourism, local residents, community employers, area utilities, and Anamosa City Council members.

A list of 26 stakeholders were identified and emailed an invitation to participate in a focus session on Tuesday, July 9, 2024, with three different 90-minute time sessions available. The stakeholder brainstorming sessions were conducted at Anamosa City Hall, located at 107 S Ford Street. Over the course of three different meeting times, 12 stakeholders attended the meetings, along with staff from ECIA, Confluence, and Eocene. The project and process was explained and the stakeholders were invited to share their opinions, ask questions, and offer information pertinent to the project.

The stakeholders were then taken through a SWOT (Strengths, Weaknesses, Opportunities, and Threats) analysis consisting of a series of exercises to analyze the City of Anamosa and then the project property. SWOT analysis is a strategic technique to help identify key themes relevant to redevelopment.



Throughout the focus group process with stakeholders, the following information became evident:

- Jones County had the opportunity to purchase and redevelop the property for their use, but declined.
- The Anamosa State Penitentiary had the opportunity to purchase and redevelop the property for use, but declined.
- Currently, the north-adjoining property is owned by the State, but will be for sale in the near future.
- The prison population fluctuates daily and is typically over-crowded.
- There is a perception of growth in Anamosa.
- Infill development in Anamosa has not been prioritized.
- Differing opinions in each stakeholder session. Some believe there is strong community support for redevelopment and new programs and some believe it's only a small pocket of influential residents leading these efforts.
- The City of Anamosa is not yet involved but could become a key player in future reuse.
- There is strong opposition to demolishing the building.

The results of the SWOT analysis exercise are shown below. The results were available at the Open House. The opportunities listed are directly related to future use options for the property, based on strengths, weaknesses, location, etc.

Strengths

Anamosa Community	104 Broadway Place
• Regional Location	• Regional Location
• School District	• School District
• Outdoor Recreation	• Outdoor Recreation
• Community Support	• Community Support

Weaknesses

Anamosa Community	104 Broadway Place
• Housing Variety	• Location
• Trail Infrastructure	• Building Footprint
• Weak Infill Development	• Environmental Issues
• Public Communication	• Surrounding Land Use

Opportunities

Anamosa Community	104 Broadway Place
• Housing Demand	• Housing
• Rural Community	• Light Industrial
• State Park	• Government
• Community Facilities	• Storage

Threats

Anamosa Community	104 Broadway Place
• Uncertain Funding	• Proximity to Prison
• Leadership Credibility	• Redevelopment Costs
• Daycare Options	• Parking
• Commercial Rent Cost	• Programming Overlaps

3.3 DIGITAL AND PRINTED SURVEY

The "Future Reuse of the Former Jones Regional Medical Center Survey" 2-question survey was created to poll the community around the future redevelopment of the Former Jones Regional Medical Center property. The intent of the survey was to gauge public perception of the building, gather input on potential reuses of the building, and bring awareness to the project.

The survey consisted of one multiple choice question, with an "other" option, and one open-ended question. The survey took less than 90 seconds to complete. The online survey was accessible via a QR code as well as a paper copy offered at the open house public event and upon request. A total of 92 people began taking the survey and 65 completed the survey, for a completion rate of 70.7%. The survey was available to the public between August 20th, 2024, and September 9th, 2024.

A specific QR code was created for marketing the survey. These QR codes were posted on social media and the City of Anamosa website, and sent directly to approximately 1,865 Anamosa addresses via USPS.

Examples of marketing materials used, survey results, and a copy of the survey are found in Appendix D.

GENERAL SURVEY RESULTS

Housing was overwhelmingly the preferred use for redevelopment of the property.

"Other" answers included:

- Wellness Center/Gym (3)
- Youth Center (2)
- Educational/Vocational School option for high school and/or Kirkwood students (2)
- Affordable daycare
- Housing for all ages
- Emergency short-term housing/low-income temporary housing

ADDITIONAL COMMENTS

- Preference for housing, but specifically no low-income housing. (6)
- Senior housing as a second option. (6)
- The need for housing in the community. (5)
- Affordable housing should be a priority. (5)
- Option to use the facility for local government purposes such as mental health, sheriff department, county jail. (5)
- Apartments as a second choice for redevelopment. (4)
- The need for an affordable childcare/daycare facility within the community. (4)
- The need for a type of wellness center to provide mental health resources such as a transition house. (3)
- Preference to use the existing building and not tear it down. (3)
- The desire to design housing and occupancy to accommodate current employees of the prison, hospital, and schools. (2)
- Provide a safe entertainment option for youth and teens. (2)

3.4 PUBLIC OPEN HOUSE

A dedicated open house as part of the site reuse planning process was hosted on Wednesday, September 4, 2024, at the Lawrence Community Center located at 600 E Main Street from 3:30pm to 5:30pm. The event was held in the large conference room and garnered 35 adult participants and two children, plus staff from ECIA, Jones County Economic Development, Confluence, and Eocene.

The open house was held at a City-owned facility, accessible to persons with disabilities. A variety of activities geared towards adults were offered including electronic and paper access to the survey, informational signage, project renderings, and SWOT analysis boards. Refreshments were offered along with an opportunity for open dialogue amongst attendees and project staff. As the event was an open house format, attendees were welcome to come and go as they please.

Graphics for the project were created to develop a brand and provide a cohesive theme to be recognized in the community. The Open House was primarily marketed through the USPS mailer sent to over 1,865 households within the city limits of Anamosa. Coverage of the Open House event was published in the local newspaper, the Anamosa Journal-Eureka, and posted on the City's website. Emails with the event information and flier were sent to local email groups and the previously identified stakeholders. The event and survey were announced on the Facebook pages of Eocene, Anamosa Chamber, Jones County Tourism, and Positively Anamosa. Meeting attendance, event pictures, copy of marketing mailer, and a copy of the newspaper article covering the Open House are available in Appendix E.

The event gathered a group of people with varied knowledge of the property; project stakeholders, neighbors, residents involved in the original Jones Regional Medical Center project, and other community members. The open house was successful at attracting residents to learn more information about the redevelopment project including the three proposed redevelopment concepts and the SWOT analysis summary from the previously conducted stakeholder meeting.

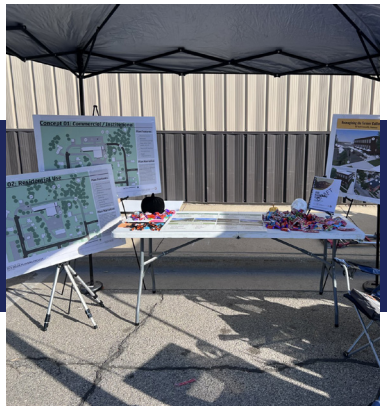
Attendees shared feedback throughout the open house, with themes summarized below:

- Excitement that the property was going to be redeveloped and not left vacant.
- The least desirable concept was demolition of the building (Concept 03).
- Housing is preferred, but the type of housing varied (low-income, senior, market-rate, etc.).

3.5 COMMUNITY TABLING EVENT

The Anamosa Chamber of Commerce organizes the Pumpkinfest event that draws approximately 10,000 visitors annually. In 2024, the event was located downtown Anamosa along Main Street on Saturday, October 5, 2024, from 9am to 3pm. A tent and table were located in a booth on Main Street, along with 57 other vendors, and displayed informational boards with concept designs and the SWOT analysis results, used previously at the open house. Other activities included methods for visitors to comment on the boards and a children's activity. The booth portrayed information on the 104 Broadway Place project, as well as another redevelopment project occurring in Anamosa. Over 75 adults and approximately 30 children interacted with the booth in some capacity.

As this outreach activity was part of an existing community event, a smaller marketing effort was made by the planning team. The event was shared on social media and by word of mouth to attendees at the Open House event on September 4, 2024.



In contrast to the dedicated open house event, this public engagement activity garnered many people that were unaware of the project or potential redevelopment of the former Jones Regional Medical Center building. Overall, attendees were pleased to hear that the building was planned for reuse and would not be demolished. Based on conversational polling, most people that attended this event were local to Anamosa or lived in a nearby community such as Monticello or Cedar Rapids.

3.6 PUBLIC ENGAGEMENT REACH

The planning team is confident that the majority of interested parties and people were either informed or actively engaged with the project. The following metrics represent the total "reach" of public engagement activities.

Approximately 188 adults participated through in-person events or online activities.

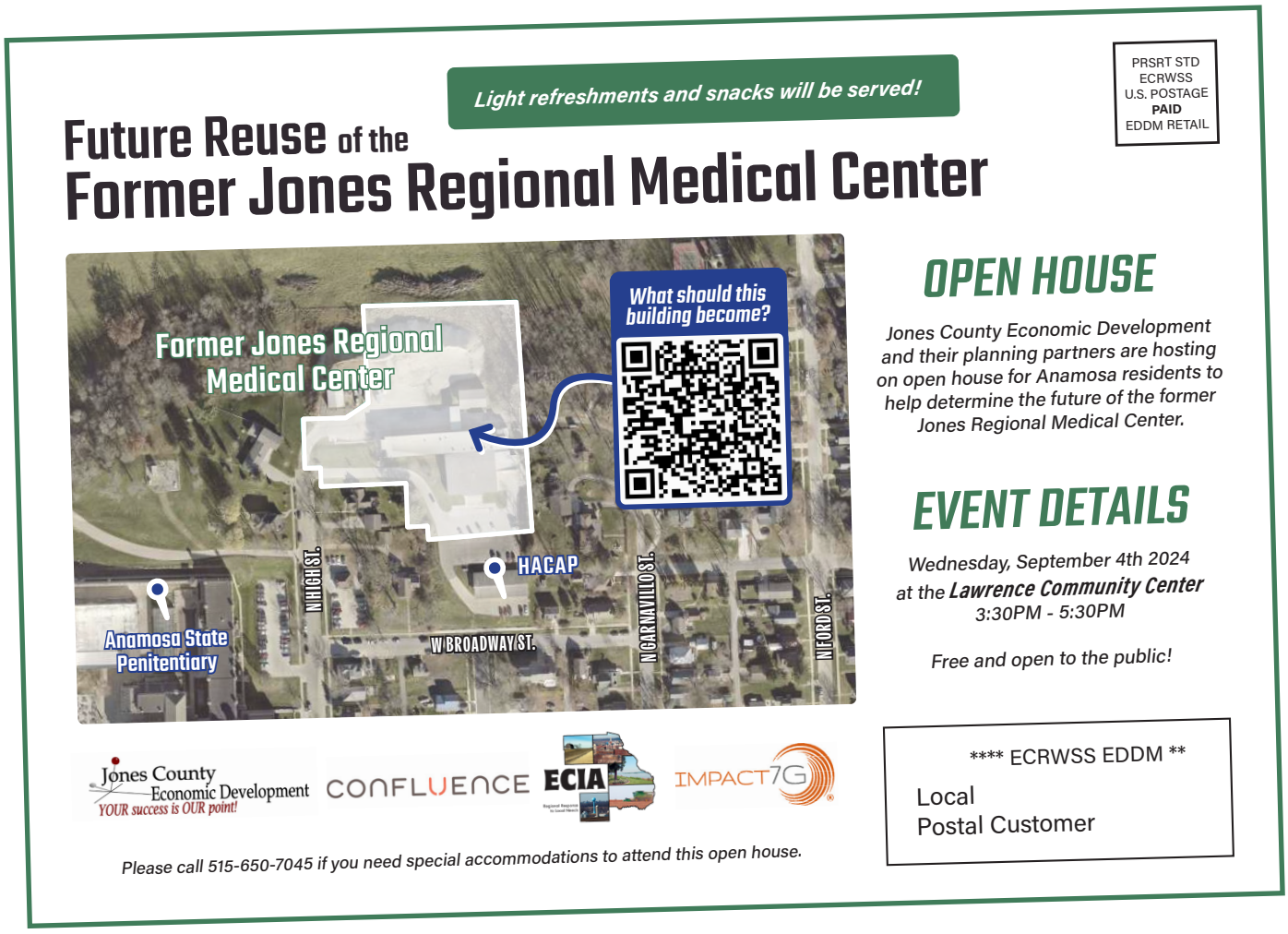
Approximately 32 kids participated through in-person events.

Approximately 1,865 flyers were mailed to Anamosa addresses that included the survey's QR code and additional project information.

Approximately 2,016 people, located within 50 miles of Anamosa, either interacted or viewed a Facebook advertisement for the project.

Though the collection of demographic information was limited in all forms of public participation for this project, the planning team is confident that a representative cross-section of the community was engaged.

Finally, it was evident that the Anamosa community is excited that there is momentum for redevelopment of the former Jones Regional Medical Center property.



4.1 REDEVELOPMENT THEMES

Involving the public in the planning process uncovers various themes for redevelopment, including opportunities and challenges for new use of the building. These efforts provide insights into redevelopment that are both economically feasible and accepted by the public.

4.1.1 Retrofit Existing Building

In general, the Anamosa community believes that preserving the original structure is very important. However, attachment to the residential housing unit located north of the main building was low. All three concepts displayed at the public open house proposed to demolish the smaller residential structure, with no pushback voiced from the attendees. Many residents, both in-person and in survey comments, do not wish the former JRMC building to be demolished. Like the Anamosa State Penitentiary, Starlighters Theater, former Collins building, and the Jones County Court House, the Anamosa community has shown support for protecting and enhancing architectural elements that are valuable to the identity of Anamosa.

Anamosa Stone, as seen and used in the building design, has a long lasting legacy to the area and is more than just a building material. A specific type of limestone, it has been quarried since the 1840's at Weber Stone and is found just two miles west of Anamosa. This type of limestone and aesthetic is part of the local identity and pride. Preserving the Anamosa Stone façade is critical to honoring the history of the property, as well as essential in preserving the community character.

The sense of identity that is tied to the building, dating back to monumental efforts to develop the original JRMC and what it meant to the community is evident, especially at the Open House event. The desire to find a use that protects and utilizes the existing building was strong throughout the public planning process. Public perception and opinion, identified in both the stakeholder meetings, open house, and survey strongly voiced the desire to not demolish the existing building.

During the stakeholder meetings, potential environmental issues were identified in the SWOT analysis as a weakness for the property. These concerns are addressed in Section 6.1.2. The theme was of preservation was also expressed by Anamosa residents with respect to saving the existing building. The majority of in-person participants and survey respondents preferred incorporating the new use into the existing building in any way. While this architectural preservation preference was strongly desired, the use of the space seemed to be of less concern to this aesthetic and historical aspect. These findings suggest Anamosa residents would like to find creative solutions for keeping the building intact and to generally contributing to the community positively.

Some open house attendees and survey respondents had direct connections with the former JRMC building, including those who worked to develop the facility and raise money for the project in the early years. A permanent exhibit showcasing oral histories, artifacts, and photographs from the building's past would be supported by the local community.

A theme throughout three different stakeholder groups was the presence of strong community support. While it was divided as to where this support came from (community-wide versus a small group of dedicated, interested citizens), it is evident that there is strong desire for improving the quality of life in Anamosa. Community groups, students, retirees, churches, and service clubs can provide a volunteer base to help redevelopment efforts thrive, and inevitably make Anamosa a better place to live and work. Discovering dedicated and passionate people to act as champions for community betterment should not be understated and should be utilized as the project further progresses.

4.1.2 Housing Preferred Use

Based on public opinion, housing is the preferred option for future use. At the stakeholder meetings, housing was identified as an opportunity in the SWOT analysis for the specific property.

Housing was overwhelmingly favored in the survey, while the specific type of housing varied. The preferred type of housing was divided as 33.9% of survey respondents favored apartments while 32.3% of survey respondents favored senior housing. The second two options were both under 10% of the vote (government facility, light manufacturing, and other).

Feedback from the Open House also suggested that Concept 02 (Residential) was preferred over Industrial/ Institutional Use or Redevelopment. From an architectural standpoint, the building footprint, interior layout, and condition of structure lends itself well to a viable residential reuse design. While the future use of the property to the north is unknown, given that the property is currently bordered to the west, southwest, and east by residential properties, the current neighborhood layout and zoning supports residential use of the site.

Parking was identified as a threat within the SWOT analysis activity. Issues included the lack of parking, as well as the potential competition within the same parking lot shared with HACAP (the adjoining property to the south).

4.1.3 Affordable vs. Low Income Housing

The majority of comments from Question #2 of the survey, the open-ended question, displayed a concern over low-income housing; either in opposition or providing the argument that the supply is already sufficient in the community.

It is important to make the distinction between affordable housing and low-income housing. Affordable housing is defined as housing that costs approximately 30% or less of a householder's gross income, including utilities. Affordable housing is aimed towards working families and individuals. Affordable housing projects are typically provided by local entities and privately managed and owned.

Low-income housing is a type of affordable housing. Low-income housing is specifically for households earning below 60% of the area median income. This type of housing is geared towards households with lower incomes. Low-income housing typically offers better subsidies and support to help households with external factors such as increasing cost of rent, market fluctuations, and inflation. Low-income projects are typically governed, managed, and owned by a type of governmental public housing authority.

The second most popular answer for survey Question #2 was the desire for senior living, which supports affordability and smaller-sized units, typically one to two bedroom.

Affordable housing suggests catering to a population that is just starting a career, has a modest salary and isn't necessarily overcoming a hardship, but might have a lower salary. During the SWOT analysis in the stakeholder meetings, "regional location" was identified as a strength for the property. The stakeholders expanded on this thought in regards to easy access to highways and nearby metropolitan areas. Stakeholders also mentioned that outdoor recreation and the school districts were strengths. These two options would be attractive to a demographic that could utilize affordable housing; those considering future families as part of the school district, a one-parent household, or possibly a younger or older, childless population that is drawn to the area's many recreational opportunities.

The desire for affordable housing was echoed in the public survey, with one resident commenting on how hard it was to find housing when they had found a job in the area, but no housing option that their salary would support.

4.1.4 Location

Location proved to be a divisive, yet profound talking point for the redevelopment of the property. In the SWOT analysis during the stakeholder meetings, location of the property was identified as both a weakness and a threat by the stakeholders, but as an opportunity in the larger context of the city of Anamosa within the region. Within other public planning efforts, location proved to be detrimental, most often cited as negative due to the proximity of the property to the Anamosa State Penitentiary. The State Penitentiary is located approximately 0.2 miles southwest of the property and is visible from the subject property.

In addition, due to the planned eastern street thru-entrance connecting Broadway Place to North Garnavillo Street never materializing, there is only one way in and out of the facility per road transit. This provides challenge to traffic flow, usage, tonnage and accessibility access for the future use, as well as the neighborhood. There is street parking allowed on North High Street, the west-border of the property and only route of entry/exit, which also slows traffic and creates a smaller roadway.

Parking issues continued to be a recurring theme, primarily lack of parking on the property. The larger parking lot to the south of the building is shared with the County Services building, located south of the parking lot. There is some fear that the parking lot would become overcrowded and a burden to the neighboring facility. In addition, the prison uses North High Street to park along, which is the main thoroughfare to access the property.

The property is not located near amenities, goods, and services, and would require either a walk past the state penitentiary property or require personal transit, less than ideal for sensitive populations (seniors, children, those with disabilities, etc). Public transportation is not a readily available option in the community. While the need for both senior housing and daycare/childcare is strong and is supported by both demographic data, as well as a community desire, this is property is not the best location for these uses.

However, in the larger context of the city of Anamosa, location was perceived to be positive. Proximity to larger metro areas and easy access to a major highway were listed as positive aspects of the location in relation to the region.

4.2 AREA DEMOGRAPHICS

The average household size is 2.33 persons and is broken down between owner-occupied average household size (2.45 persons) and renter-occupied average household size (2.00 persons). This would suggest that rental units for between 1-3 people is practical.

Median household income is $55,934, and can help us to better understand what affordability ranges look like for residents and their housing. This data can also aid in setting an "affordable housing" rental price per unit for an affordable housing project.

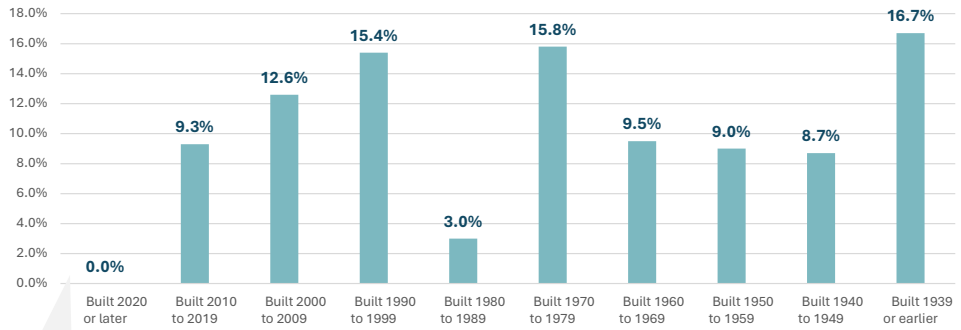
There are a total of 2,072 housing units and 155 vacant housing units within Anamosa for a total of approximately 7.5% vacant housing. It is unknown what price point these are at, where they are located, any restrictions (senior only, low-income, etc), living conditions or size of the units. 7.5% is on the high end of ideal vacancy percentage for a community so additional data should be gathered to better understand the unknowns of the vacant properties.

HUD identifies cost-burdened households as those spending 30% or more of their monthly income on housing (including utilities and rent). Owner-occupied % cost burdened is 23.9% while renter-occupied % cost burdened is 51.1%. This data suggests that cheaper rental options are needed.

1,333 residents live elsewhere but work in Anamosa. It is unknown why these residents live elsewhere or travel to Anamosa for work, but lack of housing within Anamosa may be a contributing factor.

Data was collected from the U.S. Census Bureau from the years 2021 – 2022.

It should be noted that the prison population is included in Census-derived demographic data. Prison population fluctuates daily. In addition, there is no standard practice between states or within states as to whether to consistently track the prison population and include/omit from Census data and estimates. Thus, it is difficult to adjust data and findings for the non-prison population in Anamosa.



Peaks in residential construction were pre-1930s, 1970-1979, 1990-1999, and the early 2000s.

2,072 total units

1,917 occupied units

155 vacant units

Owner-occupied median home value:	**$176,800**
Owner-occupied median mortgage:	**$1,265**

5.1 RESIDENTIAL USE

Redevelopment of the former Jones Regional Medical Center building to a housing facility would be supported by the Anamosa community. Overwhelmingly, through the public participation planning process, Concept 02: Residential was preferred.

5.1.1 Exterior Site Improvements

The following are recommended site improvements.

1. Restore or replace damaged and boarded windows.
2. Construct a new egress stair on the east end of the building.
3. Repair exterior concrete staircase to main entrance. Install ADA accessible entrance with new concrete ramp.
4. Repair deteriorating masonry and tuck pointing as needed, while maintaining local Anamosa stone façade.
5. Remove overgrown vegetation to protect the building from further damage.
6. Consult an elevator contractor to evaluate elevator, and to consider adding passenger elevator for ADA accessibility.
7. Remove unused equipment and evaluate emergency exit routes from the basement.
8. Improve concrete throughout property; evaluate ADA accessibility.
9. Evaluate existing sidewalks near property for ADA accessibility.
10. Remove ambulance garage on east side of building
11. Remove the old house with connecting canopy. An assessment of moving the house, both structurally and economically was not conducted, but could be an option if there is a willing buyer or desired use. It should be noted that the house has neither significant historic value or architectural significance.
12. Formally connect Broadway Place east to North Garnavillo Street.
13. Installation of a permanent outdoor stage.
14. Installation of bicycle racks to encourage active transportation and connection to the area's trail system.
15. Installation of permanent outdoor seating and gathering spaces.
16. Evaluate code compliance for installation of solar panels on roof.
17. Add parking to northwest and east.
18. Install green infrastructure practices with native plants for stormwater management and overall aesthetics.

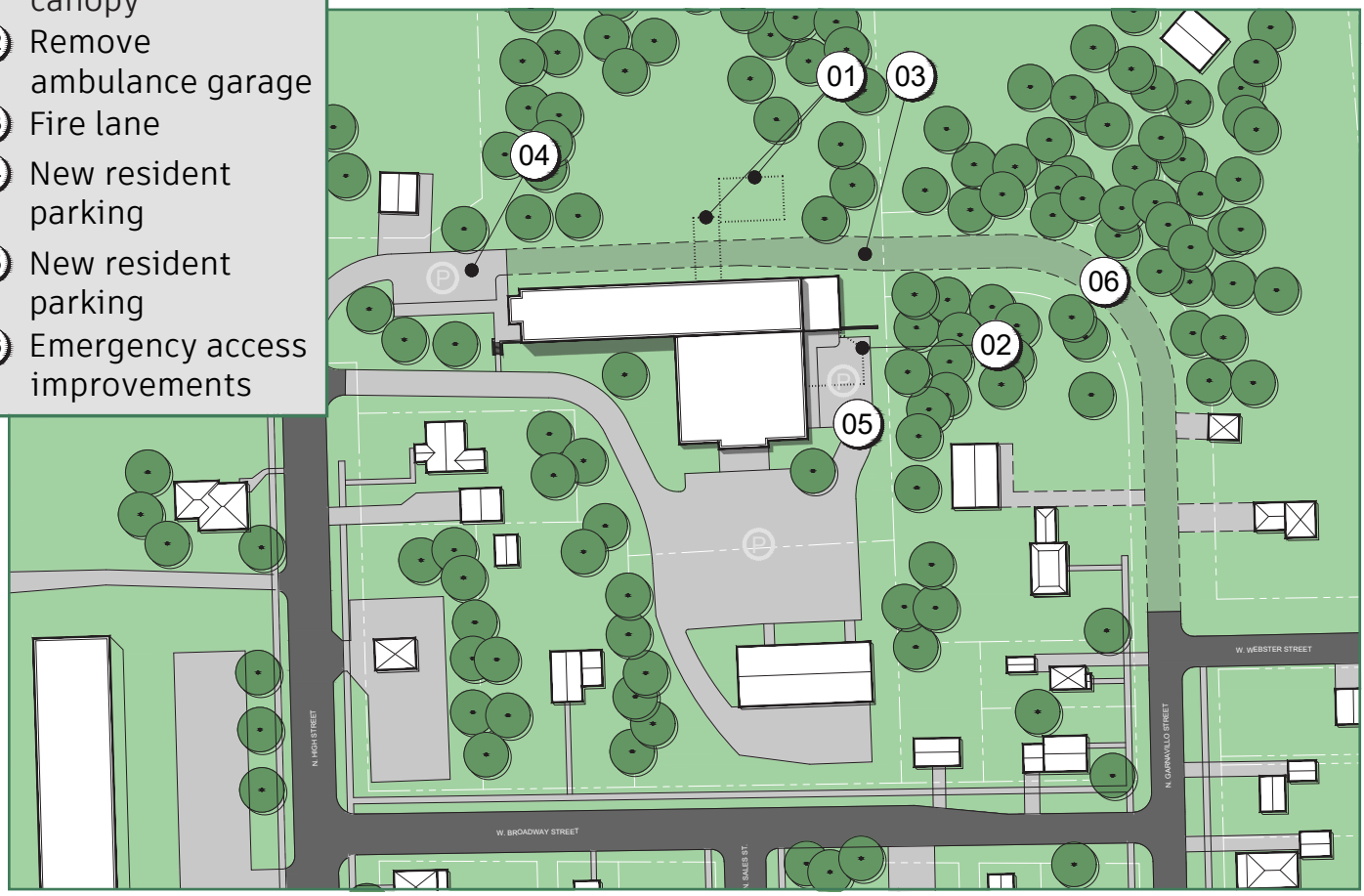
5.1.2 Interior Site Improvements

The following site amenities should be considered for the redevelopment of this property according to the desires and findings that emerged from the planning process.

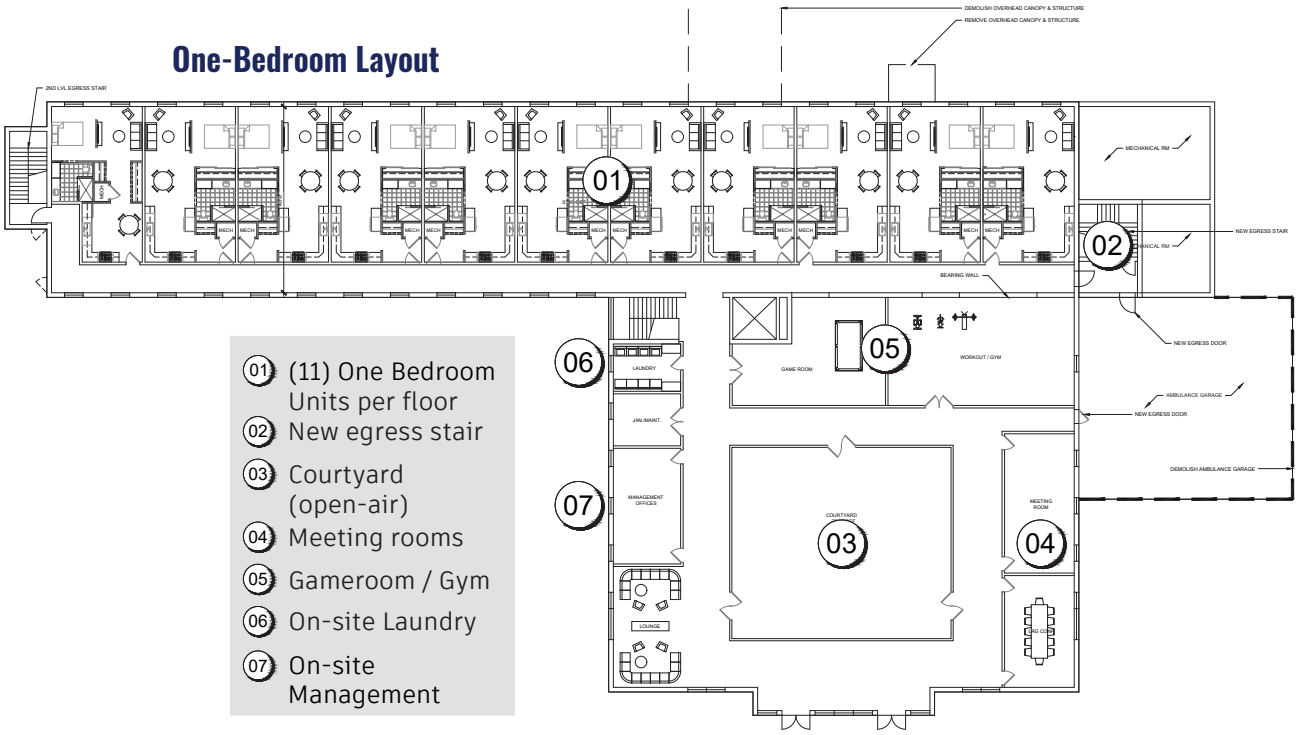
1. Evaluate stairs for code compliance on the east west end of the building.
2. Evaluate code requirements for conversion of second story space for residential housing.
3. Installation of coordinated interior signage to establish sense of community.
4. Design and reconfigure 1-2 bedroom concepts on both floors.
5. Renovate the large single-story portion to include gathering spaces, entertainment, service, meeting rooms, game rooms, laundry, on-site management and support space.
6. Construct an open-air courtyard on the one-story, south half of the building.
7. Design and install functioning mechanical HVAC system.

Concept 02: Residential Renovation

01 Remove house and canopy
02 Remove ambulance garage
03 Fire lane
04 New resident parking
05 New resident parking
06 Emergency access improvements



One-Bedroom Layout



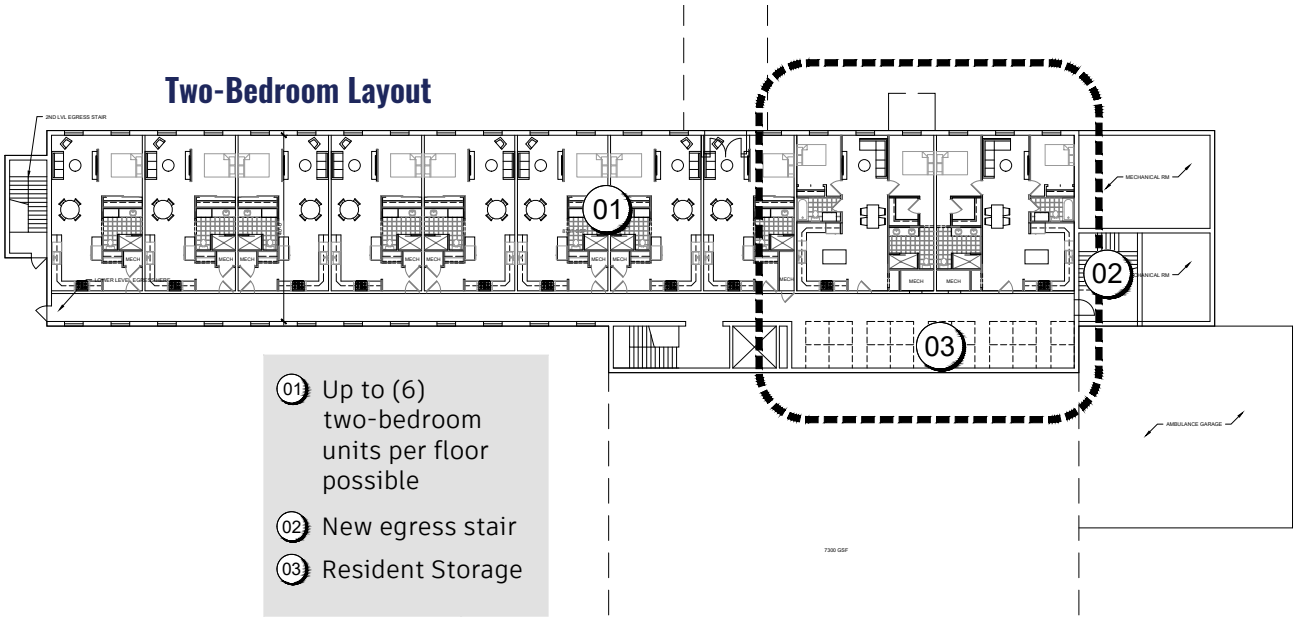
01 (11) One Bedroom Units per floor
02 New egress stair
03 Courtyard (open-air)
04 Meeting rooms
05 Gameroom / Gym
06 On-site Laundry
07 On-site Management

Opinion of Probable Cost: Residential Renovation Alternative (Concept 02)

Item	Approx. Quantity	Unit[1]	Unit Price	Item Cost	Notes
Mobilization	1	LS	$50,000	$50,000	
Traffic Control	1	LS	$15,000	$15,000	
Erosion Control	1	LS	$45,000	$45,000	SWPPP, inspections, and reporting
Building Demolition	5,335	SF	$10	$53,350	Includes ambulance bay and house
Removal Existing Upper Lot/Drive	3,195	SY	$35	$111,825	
Grading & Earthwork	1	ALW[2]	$50,000	$50,000	
Utilities	1	ALW[2]	$100,000	$100,000	Utility service connections and upgrades
Fire Service	1	ALW[2]	$50,000	$50,000	New, dedicated water service to building
Stormwater Detention	1	ALW[2]	$150,000	$150,000	
Electrical Service	1	LS	$25,000	$25,000	Existing
Lighting	1	ALW[2]	$50,000	$50,000	Roadway and parking lot lighting
Existing Single-Story Volume	8,755	SF	$250	$2,188,687	Resident services
Existing Two-Story Volume	19,016	SF	$200	$3,802,200	9,508 SF per floor, 1 & 2 bedroom apartments
Mechanical Spaces	1,225	SF	$95	$116,375	
8” P.C.C. Paving	3,793	SY	$135	$512,055	Includes new lower and upper lots
Parking Lot Striping	1	LS	$5,000	$5,000	
Landscaping	1	ALW[2]	$50,000	$50,000	
Site Amenities	1	ALW[2]	$20,000	$20,000	Trash receptacles, benches, picnic tables
			Subtotal	**$7,395,492**	
		General Conditions	8%	$591,559	
		Overhead	6%	$443,669	
		Contingency	10%	$739,449	
		Design & Engineering	8%	$591,559	
			Total Estimated Cost	**$9,760,728**	
			High Estimate	**$11,224,837**	**Total Cost + 15%**
			Low Estimate	**$8,296,618**	**Total Cost - 15%**

[1] AC = acre (43,560 sf) / ALW = allowance / CY = cubic yard / EA = each / LF = linear foot / LB = pound / LS = lump sum MSF = 1,000 sf / SF = square foot SY = square yard / TON = 2,000 lbs

[2] ALW is provided as all-inclusive square foot cost estimates for the building renovation and new construction, and assumes middle-of-the-road finish quality.



5.1.3 Interior Design

The concept for an affordable housing facility would include several on-site amenities, at little to no-cost to the residents. This concept aligns with the public's desires for additional community services. As learned throughout the public planning process, the following needs were highly desired by the Anamosa Community:

- Safe activities for youth
- Gym
- Mental health support
- Wellness facility

The site reuse planning process visualized community interior spaces, but not beyond brainstorming best uses for the space. However, other uses for the building were provided throughout the process and could lend themselves to creatively designing interior uses within the residential space. For example, based on the needs identified by the community, the main floor could be portioned into a gym, meeting rooms/ offices, common area for mail and laundry, game/activity room, private rooms available for rent for health uses (mental health, counseling, etc) and an on-site management office. There is adequate space for unique, community spaces on the one-story, south half of the building.

It is important to note funding opportunities to support community living initiatives within an affordable, residential housing development. Based on services offered, these programs could include Home and Community-Based Services Revolving Loan Program, HOME Program, Housing Tax Credit Program, and the Multifamily Loan Program. The Iowa Finance Authority administers a lot of these grants and has programs to aid in affordable housing initiatives for developers.

There are a few important considerations that should be addressed in building out the interior of this space, based on public feedback collected during the site reuse planning process and private ownership:

- Collaboration with local social organizations, mental health champions, and youth group leaders is critical to the success of the common areas.
- Incorporation of historic memories of the JRMC facility is important to Anamosa residents. Relevant artwork and recognition is recommended in common areas.

5.2 SITE REUSE CONCEPT ALTERNATIVES

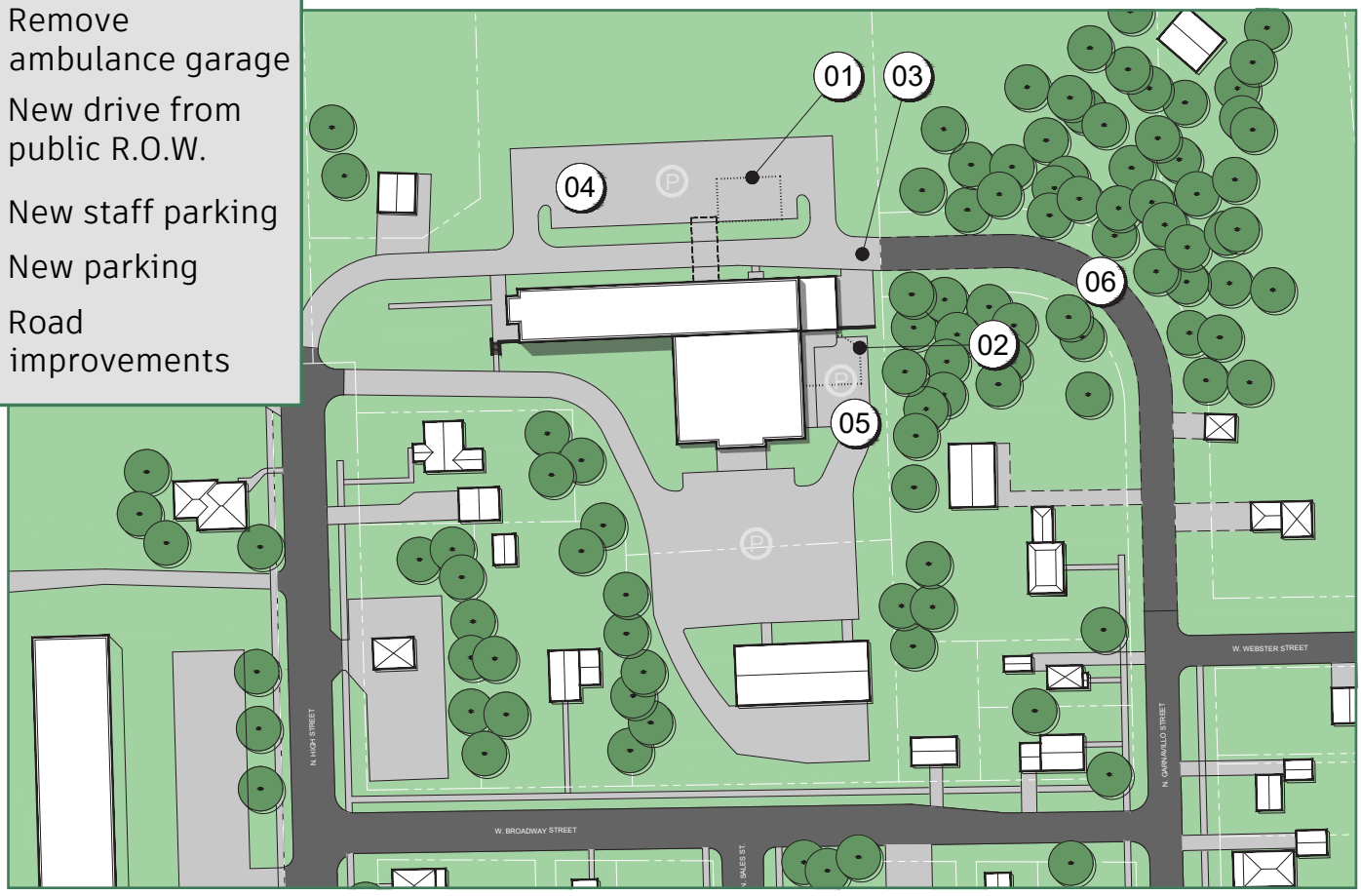
Concept 01: Commercial/Institutional. This concept proposes the adaptive reuse of the property for commercial and/or institutional use. The existing building would be completely renovated to accommodate the end user. A new drive and parking lot to the north of the building may require improvements to North Garnavillo Street north of the intersection at West Webster Street. The house and associated canopy would be removed as well as the ambulance garage. A new drive to the east in the public right-of-way would be added, along with staff parking to the north and new parking where the ambulance garage existed. The building would be renovated to accommodate the new user. A new driveway and parking lot would be added to the north side of the building.

Throughout the planning process, usage of the property for prison facilities seemed to be the preferred redevelopment option. However, prior to the most recent sale, the State had passed on the option to purchase. In addition, it is under the current administration's plan to sell currently held vacant land, which would be counterintuitive to the purchase of this property.

It was strongly suggested by multiple public and local government employees that the property and building be used for either a City or County government facility. Some specific suggestions included mental health facility, sheriff department, or county jail. However, similar to the prison option, when these entities were approached, they did not choose to purchase the facility.

Concept 01: Commercial/Institutional

01 Remove house
02 Remove ambulance garage
03 New drive from public R.O.W.
04 New staff parking
05 New parking
06 Road improvements



Opinion of Probable Cost: Commercial/Institutional Alternative (Concept 01)

Item	Approx. Quantity	Unit[1]	Unit Price	Item Cost	Notes
Mobilization	1	LS	$50,000	$50,000	
Traffic Control	1	LS	$15,000	$15,000	
Erosion Control	1	LS	$45,000	$45,000	SWPPP, inspections, and reporting
Building Demolition	5,335	SF	$10	$53,350	Includes ambulance bay and house
Grading & Earthwork	1	ALW[2]	$50,000	$50,000	
Utilities	1	ALW[2]	$100,000	$100,000	Utility service connections and upgrades
Fire Service	1	ALW[2]	$50,000	$50,000	New, dedicated water service to building
Stormwater Detention	1	ALW[2]	$150,000	$150,000	
Electrical Service	1	LS	$25,000	$25,000	Existing
Lighting	1	ALW[2]	$50,000	$50,000	Roadway and parking lot lighting
Existing Single-Story Volume	8,755	SF	$125	$1,094,343	All-inclusive renovation cost by SF
Existing Two-Story Volume	19,016	SF	$125	$2,377,000	All-inclusive renovation cost by SF
Mechanical Spaces	1,225	SF	$95	$116,375	
8” P.C.C. Paving	3,330	SY	$135	$445,500	
Parking Lot Striping	1	LS	$5,000	$5,000	
Landscaping	1	ALW[2]	$25,000	$25,000	
Site Amenities	1	ALW[2]	$15,000	$15,000	Trash receptacles, benches, picnic tables
			Subtotal	**$4,666,568**	
			General Conditions	8%	$373,325	
			Overhead	6%	$279,994	
			Contingency	10%	$466,656	
			Design & Engineering	8%	$373,325	
			Total Estimated Cost	**$6,159,868**	
			High Estimate	**$7,083,848**	**Total Cost + 15%**
			Low Estimate	**$5,235,887**	**Total Cost - 15%**

[1] AC = acre (43,560 sf) / ALW = allowance / CY = cubic yard / EA = each / LF = linear foot / LB = pound / LS = lump sum MSF = 1,000 sf / SF = square foot SY = square yard / TON = 2,000 lbs

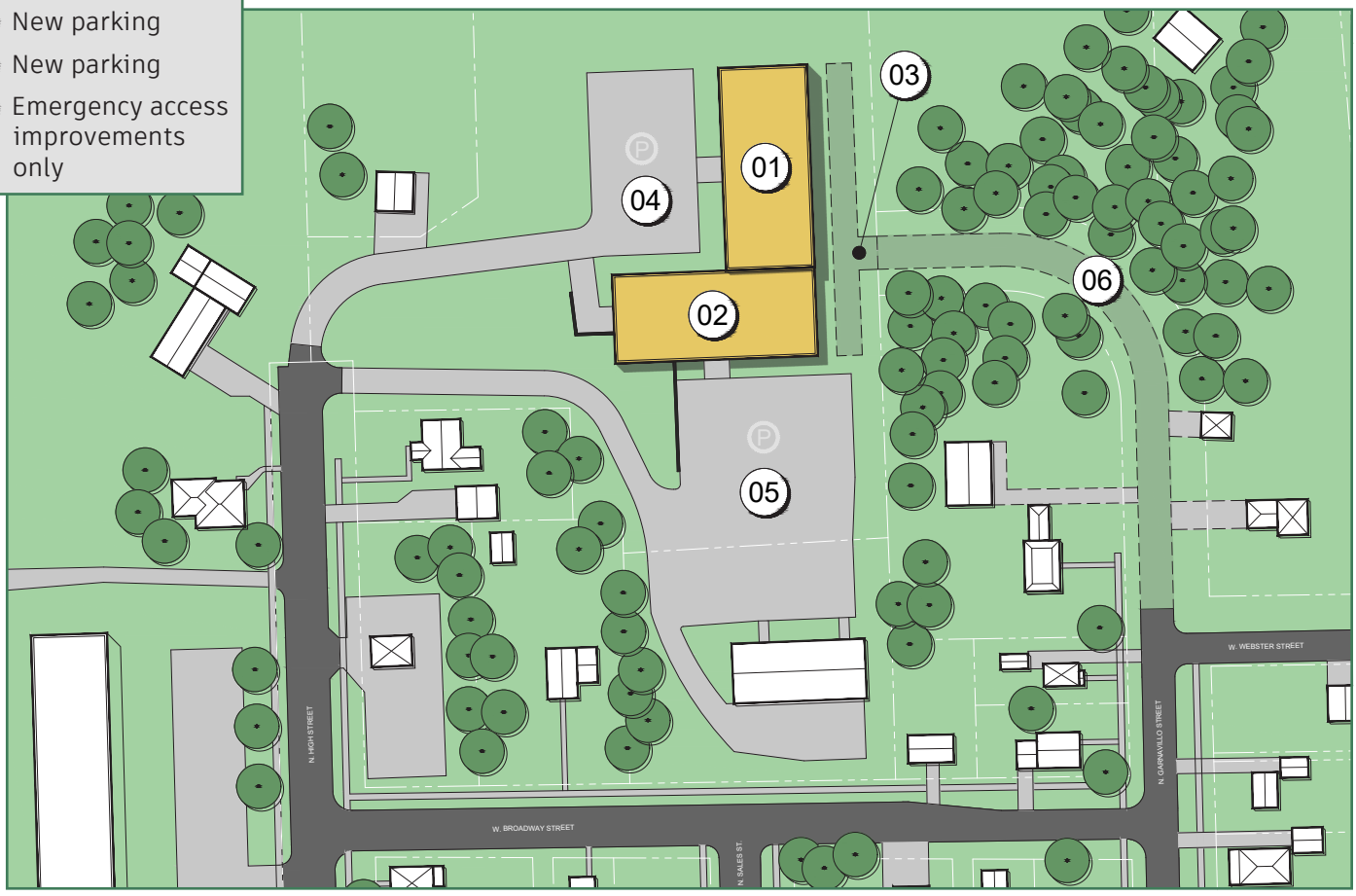
[2] ALW is provided as all-inclusive square foot cost estimates for the building renovation and new construction, and assumes middle-of-the-road finish quality.

Concept 03: New Residential Development. This concept proposed the complete removal of the former building and preparation of the site for new development. Any new building should be placed to utilize existing access drives from North High Street. New land uses could include commercial, institutional, and residential occupancies.

During the public planning process, it was evident there was strong opposition to this from a community standpoint. One of the top comments from the open house and survey related to preserving the existing structure. Based on feedback from Jones County Economic Development, similar spaces and properties are currently underutilized and there is not a large market demand.

01 New building
02 New building
03 Fire lane/access
04 New parking
05 New parking
06 Emergency access improvements only

Concept 03: New Residential Development



Opinion of Probable Cost: New Residential Development Alternative (Concept 03)

Item	Approx. Quantity	Unit[1]	Unit Price	Item Cost	Notes
Mobilization	1	LS	$50,000	$50,000	
Traffic Control	1	LS	$15,000	$15,000	
Erosion Control	1	LS	$45,000	$45,000	SWPPP, inspections, and reporting
Building Demolition	35,000	SF	$15	$525,000	Includes all structures, lower level parking
Grading & Earthwork	1	ALW[2]	$50,000	$50,000	
Utilities	1	ALW[2]	$100,000	$100,000	Utility service connections and upgrades
Fire Service	1	ALW[2]	$50,000	$50,000	New, dedicated water service to building
Stormwater Detention	1	ALW[2]	$150,000	$150,000	
Electrical Service	1	LS	$25,000	$25,000	Existing
Lighting	1	ALW[2]	$50,000	$50,000	Roadway and parking lot lighting
New Two Story Building	45,000	SF	$225	$10,125,000	
8” P.C.C Paving	2,100	SY	$135	$283,500	New lower lot, upper to remain
Parking Lot Striping	1	LS	$5,000	$5,000	
Landscaping	1	ALW[2]	$50,000	$50,000	
Site Amenities	1	ALW[2]	$20,000	$20,000	
			Subtotal	**$11,543,500**	
			General Conditions 8%	$923,480	
			Overhead 6%	$692,610	
			Contingency 10%	$1,154,350	
			Design & Engineering 8%	$923,480	
			Total Cost	**$15,237,420**	
			High Estimate	**$17,523,033**	**Total Cost + 15%**
			Low Estimate	**$12,951,807**	**Total Cost - 15%**

[1] AC = acre (43,560 sf) / ALW = allowance / CY = cubic yard / EA = each / LF = linear foot / LB = pound / LS = lump sum MSF = 1,000 sf / SF = square foot SY = square yard / TON = 2,000 lbs

[2] ALW is provided as all-inclusive square foot cost estimates for the building renovation and new construction, and assumes middle-of-the-road finish quality.

6.1 SHORT-TERM GOALS

The following are recommendations based on previous environmental inspections and public planning efforts, regardless of ownership of the building.

6.1.1 Restrictions and Ordinances

Redevelopment of a property, specifically change in use, requires review of City restrictions, ordinances and codes. According to the Jones County Assessor's website per Beacon, for tax purposes the property is currently zoned Commercial, the property to the north is zoned Agricultural, and the majority of the properties to the west, south, and east are zoned Residential. According to the City of Anamosa Zoning Map, the property is zoned Multi-Family Residential, as are the surrounding properties to the west, south, and east. The adjacent land to the north of the property is not within City boundaries. Communication with the local Planning & Zoning Commission is vital to ensure a smooth transition in reuse of the property.

Currently, Broadway Place does not extend east, beyond the property. While there is a dirt roadway connecting Broadway Place east of the property to north-south aligned North Garnavillo Street, it is currently barricaded and not maintained as a through street by the City. To allow for a fire lane and emergency access street improvements, it is recommended that the City fully connect and pave Broadway Place and North Garnavillo Street.

While the property appears to be outside of the Central Business Commercial district, design restrictions may apply to the property per City of Anamosa guidelines. Design restrictions could include façade improvements, exterior landscaping guidelines including plants, water features, and trees, sidewalk width and design, parking space and orientation requirements. See Appendix G for applicable maps.

6.1.2 Environmental Remediation

The 2023 Phase I ESA identified the presence and use of an 8,000-gallon heating oil underground storage tank (UST) that was installed in 1965 and noted as still in operation. The 2023 Phase I ESA recommended additional investigation be completed in order to evaluate the potential environmental impacts from the UST. At the time of this report, no further investigation has been completed. Prior to redevelopment, additional investigation should be completed and the UST properly abandoned or removed if future use is not planned.

Asbestos and lead-based paint contamination must be addressed prior to any renovation, demolition, or new construction. Inhalation of dust generated from asbestos-containing building materials is dangerous for workers as it is a known carcinogen. Similarly, if lead-based paint is not either removed or covered before the building is open to the public or available as housing, paint chips containing hazardous levels of lead is possible. Based on the age of the structure and previous investigations, both asbestos-containing materials and lead-based paint is an immediate concern.

6.1.3 Identity and Communication

Increased communication between the community, City, property owner, and Jones County Economic Development is important in building trust, gaining public support, increasing awareness for future renters/owners/occupants, and assisting in funding opportunities.

Temporary signage noting any funding assistance and future redevelopment plans, as well as permanent exterior signage is also recommended after renovations are complete. Framing the redevelopment of this property as a neighborhood catalyst project would also aid in securing financial investments.

6.2 LONG-TERM GOALS

Once the building is safe for occupation, long-term goals can be addressed to assist with the financial stability of the operation, meet community desires, and to further sustainable success of the project.

6.2.1 Affordable Housing

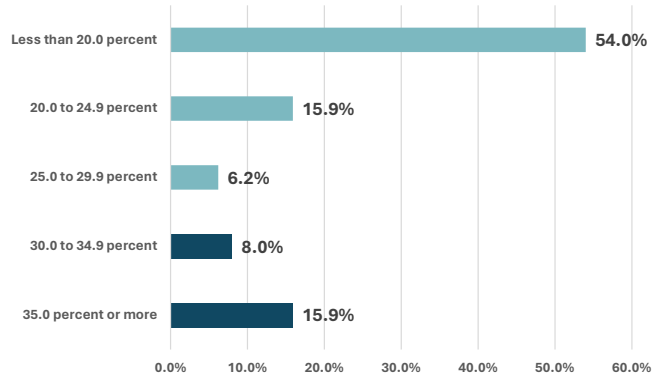
According to U.S. Census Bureau American Community Survey 5-year estimates in 2022, the median household income is $55,934 in Anamosa. Over 32 percent of residents earn between $35,000 and $75,000. These statistics help understand the type of housing that would be attractive to potential renters and can aid in setting affordable rental pricing.

As discovered in the public feedback process of this project, the supply of affordable housing is lacking in Anamosa. Redevelopment of the property into affordable housing units would fill a void in the community. In addition to meeting community desires and need, the space would generate revenue, vital in sustaining a project and business. In addition to the public desire and recognition for affordable housing in the area, Jones County Economic Development is also interested in this type of housing, with no current projects in the pipeline. To their knowledge, there are no other local development groups pursuing this market.

Concept 02: Residential Development would allow for approximately 22 one-bedroom or loft units or 12 two-bedroom units, or a combination of both. As shown in the demographic data, the average household size for rental-occupied units in the Anamosa community is 2 persons, making this layout ideal for what the area demands.

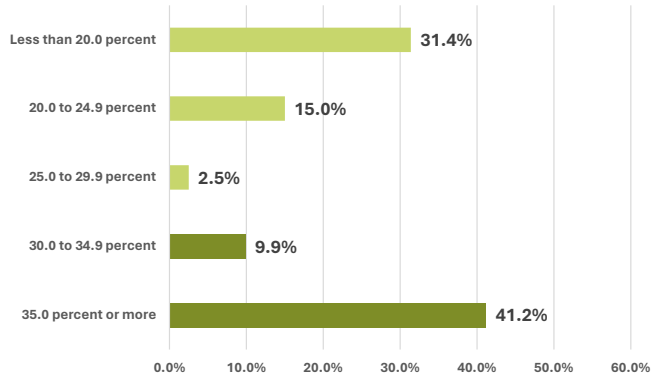
HUD identifies cost-burdened households as those spending 30% or more of their monthly income on housing (incudes rent + utilities)

Owner-Occupied as % of Household Income



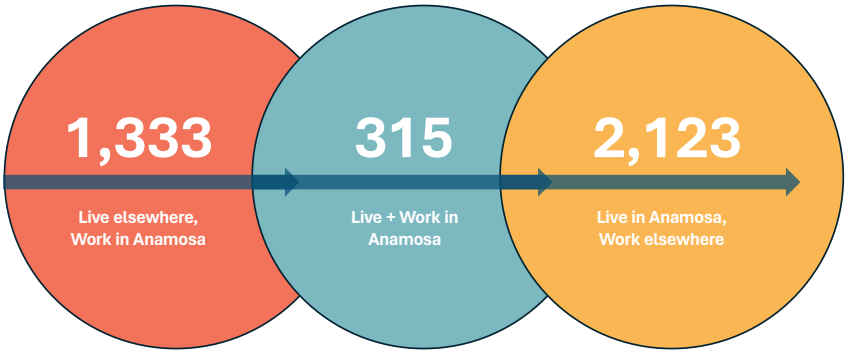
Owner-Occupied % Cost Burdened: 23.9%

Renter-Occupied as % of Household Income



Renter-Occupied % Cost Burdened: 51.1%

U.S. CENSUS BUREAU ACS 2022 5-YR ESTIMATES



U.S. CENSUS BUREAU CENTER FOR ECONOMIC STUDIES, LEHD 2021

The State of Iowa's Community Catalyst Building Remediation grant program helps community redevelop and rehabilitate to stimulate economic growth and reinvestment in the community. The State of Iowa also provides tax credits for the development of new workforce housing projects. Another program the project could seek for financial assistance would be the Nuisance Property and Abandoned Building low interest loan program, requiring a partnership with the City of Anamosa. Many state-level housing and redevelopment programs would require the City of Anamosa to have an active role in the project. Dialoguing with the City Anamosa on a public-private partnership would be mutually beneficial in the redevelopment of this site.

6.2.2 Celebrating the Exterior Landscape

As evident throughout the public planning process, the exterior view, landscape, and position of the building relative to the surrounding environment were all noted as positive aspects of the property. One comment from the survey suggested the surrounding environment should be converted to a "park" like atmosphere. The configuration of the residential units would be designed to celebrate and maximize this view.

The State of Iowa has several opportunities for funding or financing green infrastructure improvements. Clean Water Iowa, a program administered by the Iowa Department of Agriculture and Land Stewardship, provides funding for practices like native landscaping, permeable pavers, wetlands, bioswales, and more through their Water Quality Initiative grants. The project could also investigate private foundation grants to offset the cost of construction for green stormwater practices.

6.2.3 Energy Efficiency

Older buildings are typically excellent candidates for energy efficiency upgrades; newer construction methods have dramatically improved the efficiency of HVAC systems, passive heating and cooling, low-energy appliances, lighting, and insulation of windows and doors. The first step in achieving this goal should be an Energy Audit. According to Energy Star, an Energy Audit identifies the most significant and cost-effective energy efficiency improvements with respect a specific property. An Energy Audit is a common prerequisite for applying to grant or loan programs related to energy efficiency.

Current Inflation Reduction Act (IRA) funding can be utilized to receive significant cost savings on energy efficient upgrades, and is available to businesses, municipalities, individuals, and non-profit organizations. Other federal incentives include Internal Revenue Service (IRS) tax credits for qualified improvements such as energy efficient doors and windows, heat pumps, and biomass stoves or boilers and the United States Department of Agriculture's (USDA) Rural Energy for America Program (REAP), which helps rural small business owners make energy efficiency improvements and renewable energy investments to lower energy costs, generate income, and strengthen the resiliency of their operations. All funding sources are subject to availability and presented based the time of publishing this plan.

7.1 ADAPTIVE REUSE

The purpose of this site reuse plan is to create realistic redevelopment options for the former Jones Regional Medical Center property located at 104 Broadway Place in Anamosa, Iowa. This plan is meant to be a guiding document for redevelopment as it incorporates findings from environmental assessments, public feedback and input, and local economic pressures and opportunities. While the current owner does not have a specific reuse vision, the redevelopment should be a contributing asset to the community of Anamosa. This plan sets forth several redevelopment concepts that are aligned with the community's wants and needs. Redevelopment that is focused on these goals will allow for the former Jones Regional Medical Center building to once again benefit the Anamosa community.

APPENDIX A

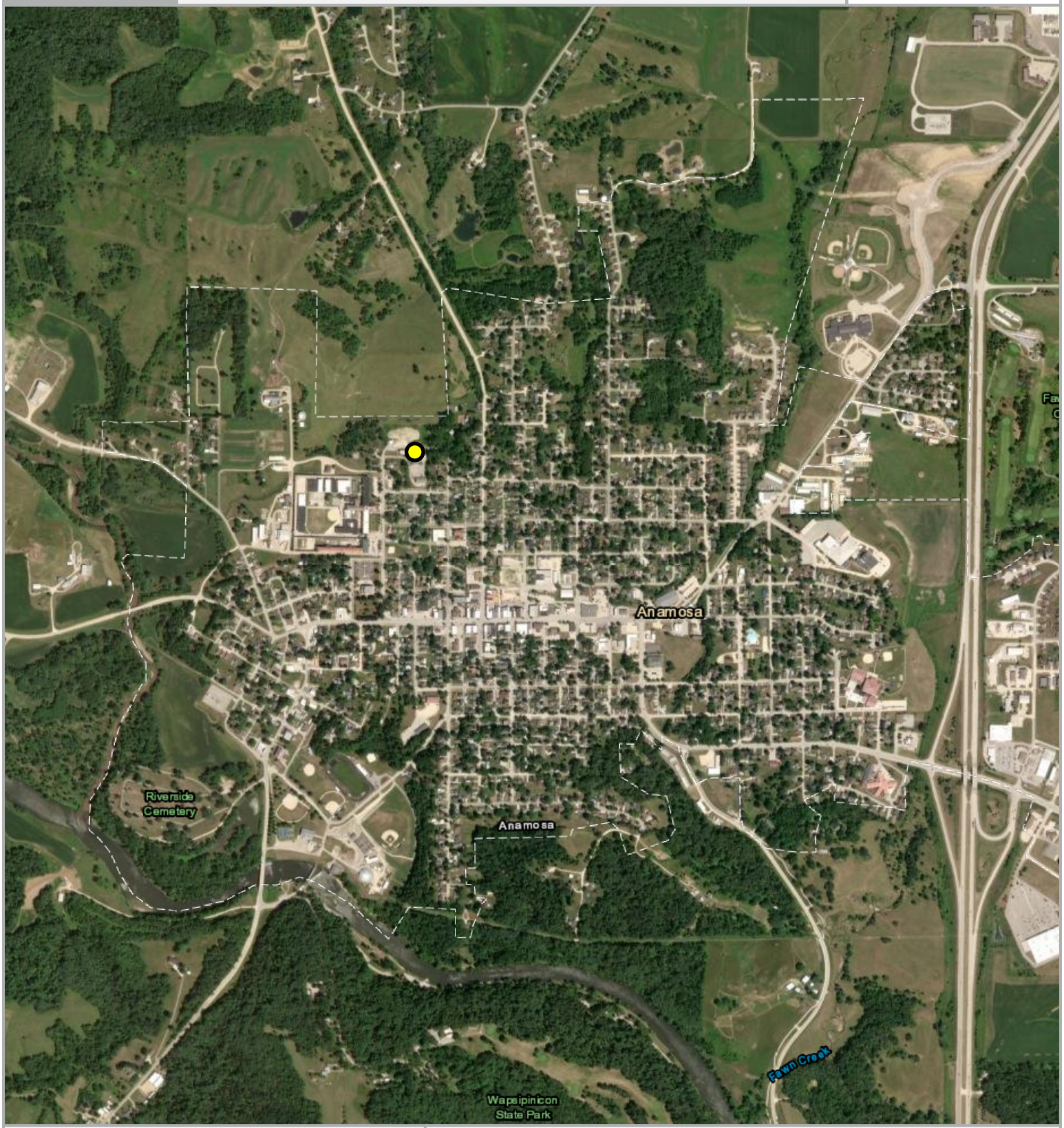
SITE LOCATION MAP

FIGURE 1

Property Location Map

Former Jones County Regional Medical Center

Eocene Environmental Group



DESCRIPTION

104 Broadway Place
Site Reuse Plan

Jones County Economic Development
Anamosa, Iowa

42.109832°-91.283666°
Map Creator: BCurtis

Source: Esri ImageryCoordinate System
WGS 1984 Web Mercator Auxiliary Sphere

LEGEND

- **104 Broadway Place (Former Jones County Regional Medical Center)**

N

0 1,000 2,000

Feet

APPENDIX B

PHASE I ENVIRONMENTAL SITE ASSEEMENT

Phase I Environmental Site Assessment

Former Jones County Hospital
104 Broadway Place
Anamosa, Iowa

Blackstone Environmental, Inc.
1465 41st Street, Suite 13
Moline, Illinois 61625
Project Number: 3607

December 29, 2023

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Former Jones County Hospital
104 Broadway Place
Anamosa, Iowa

Prepared for:
East Central Intergovernmental Association
7600 Commerce Park
Dubuque, Iowa 52022

And

Jones County Economic Development
107 South Ford Street
Anamosa, Iowa 52205

Prepared by:

Krista Brodersen
Senior Project Manager/Environmental Professional

Reviewed by:

Eric Sonsthagen, P.E.
Senior Project Engineer

Blackstone Environmental, Inc.
1465 41st Street, Suite 13
Moline, Illinois 61625

December 29, 2023

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1 EXECUTIVE SUMMARY

1.1 FINDINGS

This Phase I Environmental Site Assessment (ESA) was performed for East Central Intergovernmental Association (ECIA) and the Jones County Economic Development (JCED) (the "Client") to assess Subject Property conditions, both past and present, for indications of recognized environmental conditions (RECs). The definition of a REC is provided in Section 2.1. This report was prepared in general accordance with the ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-21, and All Appropriate Inquiries in general accordance with Title 40 Code of Federal Regulations (CFR) Part 312.

The Subject Property is located at 104 Broadway Place in Anamosa, Iowa and is approximately 4.61 acres in area. It is developed with an approximately 20,215 square foot one-story former hospital building with a crawl space and an approximately 1,585 square foot two-story residence. It is identified as Jones County Assessor Parcel Number (APN) 0903427014 and is owned by Livjoyfull, LLC. The Subject Property is vacant and was most recently occupied by the Jones County Hospital.

North of the Subject Property is undeveloped land. Residences are located to the east and west of Subject Property. To the south is the Jones County Courthouse Annex and residences.

Based on a review of the historical sources, the Subject Property was developed from at least 1917 through the mid-1960s with a portion of Mercy Hospital. By 1966, the current buildings were constructed and used as a hospital through approximately 2010. Medical offices operated until 2016 when the Subject Property became vacant. By 2019, fill materials were placed north of the hospital building.

The historical resources indicate the area to the north of the Subject Property has not been developed. The areas to the west, south, and east have primarily been developed from at least 1893 through the present with residences. A sanitarium and a church were also south of the Subject Property from 1893 through 1917. Mercy Hospital was present south of the Subject Property from 1917 through the 1960s. The area was vacant until the current courthouse annex was constructed around 1983. The area to the southwest has been developed with the Iowa State Penitentiary and associated buildings from at least 1893 through the present.

The Subject Property was identified on the environmental database report as operating a 8,000-gallon heating oil underground storage tank (UST). According to the Iowa Department of Natural Resources online database and records received, the UST was installed in 1965 and is still in operation. Based on the age of the UST, it is considered a REC. The remaining facilities listed in the database report are not considered RECs to the Subject Property at this time based upon regulatory status, apparent topographic gradient, and/or distance from the Subject Property.

Based on the age of the Site buildings and visual inspection performed during the site visit, it is possible that asbestos containing materials (ACM) and lead-based paint (LBP) are present.

1.2 CONCLUSIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of 104 Broadway Place in Anamosa, Iowa, the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 2 of this report. This assessment has revealed the following REC, Controlled Recognized Environmental Conditions (CRECs), and/or significant data gaps in connection with the subject property:

- The presence and use of an UST for approximately 58 years is considered a REC.

Historic Recognized Environmental Condition (HRECs) and de minimus conditions were not identified during the preparation of this Phase I ESA.

1.3 RECOMMENDATIONS

In order to evaluate the potential environmental impacts related to the identified REC, additional investigation is recommended.

The following table summarizes information reviewed during the preparation of this report:

Report Component	Sec.	REC	CREC	HREC	*De Min*	Non-ASTM	Further Action	Comments
Current Property Use	**2.8.3**						**No**	
Adjacent Properties	**2.8.4**						**No**	
Historical Review	**6**						**No**	
Previous Reports	**3.2**						**No**	
User Provided Information	**3**						**No**	
Regulatory Database Review	**7**	**X**					**Yes**	The Subject Property has operated an UST containing heating oil since 1965.
Site Reconnaissance:	**4**						**No**	
• Hazardous Materials	**4.3**						**No**	
• Petroleum Materials	**4.3**	**X**					**Yes**	UST
Vapor Encroachment Screen	**9**	**X**					**Yes**	Possible vapor encroachment condition due to the use of UST at the Subject Property for 58 years.
Interviews	**8**						**No**	
ASTM Non-Scope:								

Report Component	Sec.	REC	CREC	HREC	*De Min*	Non-ASTM	Further Action	Comments
Lead Based Paint (LBP)	**4.4**					**X**	**Yes**	Due to the age of the building, LBP may be present.
Asbestos	**4.4**					**X**	**Yes**	Due to the age of the building, ACM may be present.

Additional information leading to these conclusions is contained throughout this report and summarized in Section 10.

2 INTRODUCTION

The following report presents a summary of work performed in general accordance with guidelines of the ASTM Standard Practice for Environmental Assessments: Phase I Environmental Assessment Process (ASTM Standard Practice E 1527-21, hereinafter referred to as the "Standard Practice"). The work has also been performed in general accordance with the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Brownfields Revitalization Act (AAI – 40 CFR Part 312).

2.1 PURPOSE

The purpose of this Phase I ESA is to identify RECs related to the Subject Property, to the extent feasible pursuant to the scope of services defined in our proposal dated November 20, 2023, and limitations discussed in this report. As defined in the Standard Practice, a REC is:

(1) The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum product in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

ASTM defines the term historic recognized environmental condition (HREC) to mean a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls. A HREC is not a REC.

ASTM defines the term controlled recognized environmental condition (CREC) to mean a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain inplace subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

ASTM defines a significat data gap as a data gap that affects the ability of the environmental professional to identify a REC.

ASTM defines *de minimis* conditions as a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimus condition is not a REC nor a CREC.

2.2 DETAILED SCOPE OF SERVICES

This Phase I ESA was performed in general accordance with Blackstone's proposal dated November 20, 2023, the Standard Practice, and AAI as reflected in the scope of this report. The scope of services included identification of the level of services desired by the Client based on the purpose for performing the Phase I ESA, and developing information to identify RECs in connection with the Subject Property by gathering user-provided information, obtaining and reviewing regulatory databases, reviewing historical and physical records, conducting interviews, initiating local governmental inquiries, and conducting a visual, noninvasive reconnaissance of the Subject Property and adjoining properties. Limitations and/or deviations from the ASTM Standard Practice, and data gaps, if evident, are discussed herein.

This Phase I ESA report does not incorporate additional services that are non-scope considerations relative to the Standard Practice. Non-scope considerations as defined by the Standard Practice include asbestos-containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality, industrial hygiene, LBP, mold or microbial growth conditions, PCB-containing building materials, naturally occurring radon, regulatory compliance, substances not defined as hazardous substances, wetlands, business environmental risks, lead in drinking water, vapor intrusion assessment, high voltage power lines, emerging contaminants, etc.

2.3 SIGNIFICANT ASSUMPTIONS

This Phase I ESA has been performed in general accordance with the Standard Practice. As indicated in the Standard Practice, no environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. This assessment is intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property and recognized reasonable limits of time and cost.

It should be noted that portions of this Phase I ESA report are based on unverified information supplied to Blackstone by third-party sources. Efforts have been made to substantiate third-party information; however, Blackstone cannot guarantee its completeness or accuracy.

2.4 LIMITATIONS, EXCEPTIONS, AND DATA FAILURE

The work described herein was performed in accordance with the proposed scope of services approved by Blackstone's Client. Environmental issues not specifically addressed in this report, such as services for subsurface or other invasive assessments, or evaluation of business environmental risk, were beyond the scope of services and not included in this evaluation. Blackstone has performed these services in a manner consistent with the level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of the Standard Practice and the AAI Rule established by the U.S. Environmental Protection Agency (40 CFR Part 312). We have

endeavored to meet this standard of care but may have been limited by conditions encountered during performance, or inability to review information not received by the report date. When appropriate, such limitations are discussed in the report relative to their significance with respect to our findings. No warranties, express or implied, are intended or made.

Limitations identified herein must be considered when the user of this report formulates opinions regarding risks associated with the Subject Property. Additional research and assessment may be performed to further evaluate risks, if requested by the Client. We will, upon request, advise the Client of additional research or assessment options that may be available at an additional cost. Blackstone did not identify data gaps during the course of this Phase I ESA.

2.5 GREEN AND SUSTAINABLE EFFORTS

Green and Sustainable Remediation (GSR) techniques were implemented during this Phase I ESA and include submitting electronic reports as PDFs instead of printing.

2.6 VIABILITY OF PHASE I ESA

A Phase I ESA is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates the components were conducted are presented below.

Components	Date
Interview	December 5, 2023
Review of Government Records	November 30, 2023
Visual Inspection	December 5, 2023
Declaration by Environmental Professional	December 18, 2023
Environmental liens	November 30, 2023

Based on the dates the components were conducted, this Phase I ESA is viable until May 28, 2024.

2.7 USER RELIANCE

This Phase I ESA report has been prepared for the exclusive use of ECIA and JCED. No entities other than ECIA and JCED may rely on this report without the express written consent of Blackstone, ECIA, and the JCED. Unless specifically agreed to in advance by Blackstone, non-compliance with this requirement will release Blackstone from any liability resulting from the use of this report by any unauthorized party. Because Subject Property activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered reliable as of the date of the Subject Property visit but may be limited by material changes in Subject Property circumstances.

2.8 SUBJECT PROPERTY DESCRIPTION

The Subject Property description is presented in this section and describes the condition of the Subject Property at the time of the Phase I ESA. The Subject Property location is shown on the topographic map provided in Figure 1.

2.8.1 LOCATION DESCRIPTION

TABLE 2-1 SUBJECT PROPERTY DESCRIPTION INFORMATION

Attribute	Information
SUBJECT PROPERTY NAME	Former Jones County Hospital
ADDRESS/LOCATION	104 Broadway Place, Anamosa, Jones County, Iowa
Jones County Assessor Information (https://beacon.schneidercorp.com/Application.aspx?AppID=164&LayerID=2107&PageTypeID=4&PageID=1061&Q=1419387803&KeyValue=0903427014)	APN: 0903427014 — Address: 104 Broadway Place — Total Acres: 4.61
TOTAL AREA	4.61 acres
LAND USE	Vacant

2.8.2 SUBJECT PROPERTY AND VICINITY GENERAL CHARACTERISTICS

The Subject Property is located at 104 Broadway Place in Anamosa, Iowa and is 4.61 acres in area. It is developed with an approximately 20,215 square foot one-story former hospital building with a crawl space and an approximately 1,585 square foot two-story residence. It is identified as Jones County Assessor Parcel Number (APN) 0903427014 and is owned by Livjoyfull, LLC. The Subject Property was most recently occupied by the Jones County Hospital and has been vacant since 2016.

2.8.3 CURRENT/PROPOSED USE OF THE PROPERTY

TABLE 2-2 CURRENT/PROPOSED USES

Use	General Observations
CURRENT USE	Vacant
PROPOSED USE	Commercial redevelopment

2.8.4 CURRENT USES OF ADJOINING PROPERTIES

Blackstone performed a brief drive-by survey of the properties immediately adjoining the Subject Property on December 5, 2023. Table 2-3 summarizes the observed current use of the adjoining properties.

TABLE 2-3 ADJOINING PROPERTIES

Direction	Land Use Description
NORTH	Undeveloped land
SOUTH	Jones County Courthouse Annex (104 Broadway Place) and residences
EAST	Residences
WEST	Residences

Obvious indications of RECs associated with hazardous substances or petroleum products were not observed on adjoining properties at the time of the visual survey.

3 USER PROVIDED INFORMATION

3.1 PHASE I ESA ENVIRONMENTAL QUESTIONNAIRE

A Phase I ESA Environmental Questionnaire was completed by Ms. Dawn Danielson of ECIA and the President of Livjoyfull, LLC, Mr. Mike Deutmeyer, representing the "Users" of this Phase I ESA. Copies of the completed questionnaires are included in Appendix D. Responses to User questions relative to AAI are summarized in the following sections.

3.1.1 REASON FOR PHASE I ESA

Ms. Danielson indicated the Phase I ESA was being conducted prior to redevelopment of the Subject Property.

An answer was not provided by Mr. Deutmeyer for the reason for the Phase I ESA.

3.1.2 CURRENT AND FUTURE USE OF THE SUBJECT PROPERTY

Ms. Danielson indicated the Subject Property is currently vacant and the future use is unknown.

Mr. Deutmeyer indicated the future use of the Subject Property was a commercial property.

3.1.3 TITLE RECORDS

A Chain of Title report was obtained from Environmental Risk Information Services (ERIS) for the Jones County APN 0903427014 and 0903427011 dated November 30, 2023. Public records were searched back to 1963 and the following conveyances of record were found:

- Deed Type: Quit Claim Deed
  Date: October 23, 2018
  Grantor: Weber Stone Company, an Iowa Corporation
  Grantee: Livjoyfull LLC
  Note: NA

- Deed Type: Warranty Deed
  Date: September 14, 2018
  Grantor: City of Anamosa, Iowa
  Grantee: Weber Stone Company
  Note: N/A

- Deed Type: Decree of Distribution
  Date: November 21, 2016
  Grantor: Community Care, Inc., Respondent

Grantee: City of Anamosa, Iowa, Petitioner
Note: NA

- Deed Type: Warranty Deed
  Date: September 9, 2011
  Grantor: Community Care, Inc.
  Grantee: Jones County, Iowa
  Note: This is a sell off deed for parcel no. 2011-36

- Deed Type: Warranty Deed
  Date: November 19, 2010
  Grantor: JRCC, LLC
  Grantee: Community Care, Inc.
  Note: NA

- Deed Type: Warranty Deed
  Date: October 30, 2009
  Grantor: JRCC, LLC
  Grantee: Jones County, Iowa
  Note: This is a sell off deed for parcel 2009-15

- Deed Type: Quit Claim Deed
  Date: April 23, 2008
  Grantor: STL Health Resources Co.
  Grantee: JRCC, LLC
  Note: NA

- Deed Type: Warranty Deed
  Date: April 25, 2008
  Grantor: Anamosa Community Hospital, Inc.
  Grantee: JRCC, LLC
  Note: NA

- Deed Type: Quit Claim Deed
  Date: March 9, 1995
  Grantor: John L. Bailey, M.D. and Rosemary Bailey
  Grantee: STL Health Resources Company
  Note: This QCD is issued to clear up title from a lease on the property.

- Deed Type: Warranty Deed
  Date: May 24, 1973
  Grantor: Sisters of Mercy, Cedar Rapids, Iowa
  Grantee: Anamosa Community Hospital, Inc.

Note: NA

- Deed Type: Warranty Deed
  Date: October 21, 1964
  Grantor: Sisters of Mercy, Cedar Rapids, Iowa
  Grantee: Anamosa Community Hospital, Inc.
  Note: Searched back to 1963, county records show grantor owned back to 1930 in Doc#91/525.

Liens were not identified.

3.1.4 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS

ECIA and Mr. Deutmeyer were not aware of Environmental Liens or Activity Use Limitations on the Subject Property.

3.1.5 SPECIALIZED KNOWLEDGE

ECIA and Mr. Deutmeyer indicated they did not have specialized knowledge of the Subject Property.

3.1.6 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

ECIA and Mr. Deutmeyer indicated this question was not applicable.

3.1.7 REASONABLY ASCERTAINABLE INFORMATION

ECIA and Mr. Deutmeyer indicated the Subject Property was formerly used as the Jones County Hospital.

3.1.8 OBVIOUS INDICATORS OF CONTAMINATION AT THE SUBJECT PROPERTY

ECIA indicated they were not aware of contamination at the Subject Property, but the prior use and the age of the structures may be a concern.

Mr. Deutmeyer indicated the Subject Property was built in 1966.

3.2 PROVIDED DOCUMENTS

Blackstone was not provided with additional documentation for review.

4 SUBJECT PROPERTY RECONNAISSANCE

Blackstone's assessment activities included a site reconnaissance. This section summarizes the findings of the site reconnaissance.

4.1 METHODOLOGY AND LIMITING CONDITIONS

Mr. Tyler Sundell of Blackstone performed the site reconnaissance on December 5, 2023. The temperature was approximately 39 degrees Fahrenheit with overcast conditions. The site reconnaissance included a visual inspection of the Subject Property to assist in identifying the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or threat of release into structures, soil, groundwater, or surface water at the Subject Property (RECs). Observations of readily apparent existing conditions are summarized in Table 4-1, and color photographs of the Subject Property are presented in Appendix A. The Subject Property location is shown on Figures 1 and 2.

Blackstone was accompanied on the Subject Property reconnaissance by Mr. Pat Deutmeyer, the owner's representative, and Ms. Dawn Danielson of ECIA.

4.2 GENERAL SUBJECT PROPERTY SETTING

The Subject Property is located at 104 Broadway Place in Anamosa, Iowa and is 4.61 acres in area. It is developed with an approximately 20,215 square foot one-story former hospital building with a crawlspace and an approximately 1,585 square foot two-story residence. The Subject Property was most recently occupied by the Jones County Hospital and has been vacant since 2016.

4.3 SUBJECT PROPERTY OBSERVATIONS

Subject Property observations are shown in Table 4-1 and described below.

TABLE 4-1 SUBJECT PROPERTY OBSERVATIONS

Feature	Observed
Aboveground storage tank(s) (ASTs)	
Below grade vaults	
Burned or buried debris	
Chemical storage	
Chemical mixing areas	
Controlled substances	
Discolored soil or water	
Ditches or streams	
Drains and sumps (e.g., floor drains/ trenches, sand / grease traps)	
Drums, totes, and intermediate bulk containers	
Farm waste (e.g., feedlot spoils or manure stockpile)	
Fill dirt from an unknown source	

Feature	Observed
Hazardous substance and petroleum products in connection with identified uses	
Hazardous substance and petroleum products not in connection with identified uses	
Hazardous waste storage	
Heating and cooling system and fuel source	X
Industrial waste treatment equipment	
Polychlorinated biphenyl (PCB) containing items	
Pits, ponds, or lagoons	
Pools or sumps of liquid	
Process wastewater	
Septic system (e.g., tank and leach fields)	
Soil piles	
Solid waste/evidence of unauthorized dumping	
Stained pavement, soil, or concrete	X
Stains or corrosion (interior, non-water)	
Standing surface water	
Storm drains/catch basins	
Stressed vegetation	
Strong, Pungent, or Noxious Odors	
Sumps and clarifiers	X
Surface water	
Underground storage tank(s) (USTs, including heating oil tanks)	X
Unidentified substance containers	
Wastewater discharge	
Water supplies (potable and process)	
Wells (irrigation, monitoring, or domestic)	
Wells (oil and gas)	
Other	

The Subject Property is developed with a 20,215 square foot one-story hospital building with a crawlspace and an approximately 1,585 square foot two-story residence. The buildings are vacant and appeared to be in the process of being remodeled. The majority of the interior finishes had been mostly removed and what remained was primarily studs, steel girders, concrete slabs, and steel girders. The basement of the hospital includes a boiler room, elevator mechanic room, and electrical room. A floor drain and sump were located in the diesel generator room. In the elevator mechanic room, staining was observed on the concrete beneath the elevator equipment.

A fill-port for an approximately 8,000-gallon UST was observed outside the northeast corner of the former hospital building. The fill-port was opened, and fluid was observed within the UST.

The Subject Property is heated by a furnace located in the basement. The City of Anamosa provides electricity, natural gas, water, and sewer to the Subject Property.

4.4 ASBESTOS CONTAINING MATERIALS (ACM) AND LEAD-BASED PAINT (LBP)

Based on the age of the Subject Property buildings (1966 and 1970), it is possible that ACM and LBP are present. During the reconnaissance, suspect ACM observed included floor tiles, pipe

wrap, and window caulk. Suspected LBP was observed on walls, windowsills, and door frames throughout the buildings.

4.5 ADJOINING PROPERTY RECONNAISSANCE

North of the Subject Property is undeveloped land. Residences are to the east and west of the Subject Property. To the south is the Jones County Courthouse Annex and residences.

5 RECORDS REVIEW – PHYSICAL SETTING

5.1 PHYSICAL SETTING SOURCE(S)

Table 5-1 presents information about the physical setting of the Subject Property and surrounding area. This information was obtained from published maps and other resources.

TABLE 5-1 PHYSICAL SETTING FOR SUBJECT PROPERTY AND SURROUNDING AREA

PHYSICAL SETTING INFORMATION		SOURCE
Topography		
Subject Property Elevation	Approximately 870 feet above mean sea level	United States Geological Survey (USGS) Topographic Map Anamosa, Iowa, 2018, 7.5 Minute Quadrangle
Topographic Gradient	The general topographic gradient in the area of the Subject Property is to the west.	
Closest Surface Water	Buffalo Creek located approximately 335 feet to the west of the Subject Property.	
Soil Characteristics		
Soil Types	Fayette silt loam	ERIS Physical Setting Report dated November 28, 2023
Description	Soils in this group have moderately high runoff potential when thoroughly wet. The soil component is located on pahas on dissected till plains. The parent material consists of fine-silty loess.	
Hydrogeology		
Geology	Unit Name: Niagaran Series Unit Age: Phanerozoic/Paleozoic/Silurian Primary rock type: dolostone Secondary Rock Type: chert	ERIS Physical Setting Report dated November 28, 2023
Estimated Depth to groundwater	Approximately 50 feet below ground surface (bgs).	USGS Topographic Map Anamosa, Iowa, 2018, 7.5 Minute Quadrangle
*Hydrogeology**	Not known – expected to mimic topographic gradient (towards the west)	USGS Topographic Map Anamosa, Iowa, 2018, 7.5 Minute Quadrangle

**The groundwater flow direction may be expected to follow topography with respect to shallow unconfined groundwater: however, in the absence of site-specific monitoring well information, groundwater flow direction cannot be definitively determined.*

6 RECORDS REVIEW - HISTORICAL USE INFORMATION

Blackstone reviewed historical sources for indications of RECs. Our review was focused on researching historical documents to identify obvious uses. Historical land use was researched to the first developed use of the Subject Property, or back to 1940, whichever is earlier or readily available. The historical use information for the Subject Property and the adjoining properties is presented collectively in this section.

6.1 Historical Topo Maps, Aerial Photographs, and Sanborn Fire Insurance Maps

The ERIS data package included a request for historical topographic maps, historic aerial photographs, and Fire Insurance Maps for the Subject Property and surrounding areas. The information provided is listed below and copies are included in Appendix B:

- Topographic map: Anamosa, Iowa, published in **1973, 2013, 2015,** and **2018** (1:24,000)
- Topographic map: Anamosa, Iowa, published in **1890** (1:62,500)
- Aerial Photographs: ERIS, **1936**, **1952, 1964, 1973, 1983, 1994, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019,** and **2021** (1"=500')
- Sanborn Fire Insurance Maps: **1893, 1899, 1905, 1917, 1928, 1949,** and **1956**

TABLE 6-1 HISTORICAL INFORMATION REVIEW

Direction	Description
Subject Property	The 1890 topographic map does not depict the Subject Property as developed. In the 1917 Sanborn map, a portion of Mercy Hospital was located in the southeastern portion of the Subject Property. Mercy Hospital appears in aerial photographs from 1936 through 1964. In the 1973 aerial photograph, the current buildings and associated parking lot were constructed. In the 2019 aerial photograph, a large amount of fill materials appeared north of the hospital building. The Subject Property appears relatively unchanged through 2021.
North	Undeveloped land was shown to the north of the Subject Property in aerial photographs from 1936 through 2021.
East	Residential properties were shown to the east of the Subject Property in aerial photographs from 1936 through 2021.
South	The 1893 Sanborn map depicts residences, a church, and the Prospect Park Sanitarium to the south of the Subject Property. By 1917, the sanitarium was no longer present and Mercy Hospital had been constructed. Residences were also present by 1936. By 1973, Mercy Hospital was no longer present. The current courthouse annex building had been constructed by 1983. The area remained relatively unchanged through 2021.
West	In the 1893 Sanborn map, High Street is to the west of the Subject Property. A school, a residence, and the Iowa State Penitentiary were to the southwest. By 1905, two additional residences were constructed to the west. The area remained relatively unchanged through 2021.

Note: USGS topographic maps may not show individual structures present within an area designated as and shaded as "Urban Area." While observations may suggest no structures are shown, that does not necessarily indicate there were no structures on the property.

6.2 Historical City Street Directories

Historical city directories can provide an indication of the type of use of the Subject Property and adjoining areas by street address. ERIS' report package included a search of historical city directories from 1996 to 2022 in the general vicinity of the Subject Property. Table 6.2 below summarizes listings provided by ERIS for the Subject Property (if applicable) and nearby identified facilities. Information for all listed facilities is included in Appendix B.

TABLE 6-2 HISTORICAL CITY STREET DIRECTORIES

Area	Address	Year	Listings
Subject Property	104 Broadway Place	2016, 2020, and 2022	Rainbow Childcare Dietitians
		2012	Physicians and surgeons Dietitians
		2000, 2003, and 2008	Anamosa Ambulance Anamosa Hospital Community Health of Jones County Jones Regional Medical Center
		1996	Anamosa Community Hospital
North	None	--	--
West	405 North High Street	1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022	Residential
	406 North High Street	1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022	Iowa State Penitentiary
South	105 Broadway Place	2012, 2016, 2020, and 2022	Jones County Public Health Jones County Veterans Affairs Abbe Center for Community Mental Health
		2008	Residential
		2003	Podiatry Associates
		1996	Wapsi Valley Family Medical
	110 Broadway Place	2012, 2016, 2020, and 2022	Residential
	507 North High Street	1996	Residential
East	406 North Garnavillo Street	2000, 2012, 2016, 2020, and 2022	Residential

6.3 Historical Use Summary

Based on a review of the historical sources, the Subject Property was developed from at least 1917 through the mid-1960s with a portion of Mercy Hospital. By 1966, the current buildings were constructed. They were used as a hospital through approximately 2010. Medical offices operated until 2016 when the Subject Property became vacant.

The historical resources indicate the area to the north of the Subject Property has not been developed. The areas to the west, south, and east have primarily been developed from at least 1893 through the present with residences. A sanitarium and a church were also south of the Subject Property from 1893 through 1917. Mercy Hospital was present south of the Subject Property from 1917 through the 1960s. The area to the south was vacant until the current courthouse annex was constructed around 1983. The area to the southwest has been developed with the Iowa State Penitentiary and associated buildings from at least 1893 through the present.

7.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal, state, and local regulatory agencies publish databases or lists of businesses and properties that handle hazardous substances or petroleum products or are the known location of a release of hazardous substances to soil and/or groundwater. Blackstone contracted a commercial database service, ERIS, of Ontario, Canada to perform the government database search.

A description of the types of information contained in each of the databases reviewed, the agency responsible for compiling the data, and date each database was last updated is included in the radius map report located in Appendix C. Table 7.1 below lists the databases within the ASTM minimum search distances from the center of the Subject Property.

TABLE 7-1 RECORDS REVIEW, SEARCH DISTANCE, AND FINDINGS

Database	Description	Radius (Miles)	Listings Reported
Federal			
NPL	EPA National Priority List (NPL) – EPA's list of uncontrolled or abandoned hazardous waste facilities listed for priority services under the Superfund Program.	1.0	0
NPL (Delisted)	The NPL Delisted refers to facilities that have been removed from the NPL.	0.5	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database includes facilities that EPA has or is currently investigating for a release or threatened release of hazardous substances.	0.5	0
CERCLIS/ NFRAP	CERCLIS-No Further Remedial Action Planned (NFRAP). No further remedial action planned after EPA investigation.	0.5	0
RCRA CORRACTS/ TSD	EPA list of Resource Conservation Recovery Act (RCRA) facilities associated with treatment, storage or disposal of hazardous waste that are undergoing corrective action. Corrective Action is required when there has been a "release" of hazardous waste constituents into the environment.	1.0	0
RCRA Non-CORRACTS/ TSD	EPA list of facilities that report treatment, storage, or disposal of hazardous waste, that are not subject to Corrective Action under RCRA.	0.5	0

TABLE 7-1 RECORDS REVIEW, SEARCH DISTANCE, AND FINDINGS

Database	Description	Radius (Miles)	Listings Reported
RCRA Generators	EPA database of facilities that generate hazardous waste as part of their normal business practice; generators of hazardous waste are regulated under RCRA. Generators are either small quantity generators (SQG), large quantity generators (LQG), or conditionally exempt small quantity generators (CESQG).	Subject Property and adjoining properties	0
US ENG/INST CONTROLS (IC/EC)	EPA listings of sites with institutional controls (deed restrictions, use restrictions, etc.), or engineering controls (caps, liners, etc.), which include administrative or physical controls for waste/contamination and/or to restrict potential exposure to contamination.	Subject Property	0
ERNS	The Emergency Response Notification System (ERNS) is an EPA list of reported releases of oil and hazardous substances.	Subject Property	0
State			
SHWS	State and tribal equivalent CERCLIS sites.	1.0	0
SWF/LF	State/tribal database of solid waste facilities.	0.5	1
LUST/LAST	State/tribal database of leaking underground and above-ground storage tanks.	0.5	10
UST/AST	State/tribal database of registered storage tanks.	Subject Property and adjoining properties	1
INST CONTROL	Sites having institutional controls in the state of Iowa.	Subject Property	0
LRP	State/tribal facilities included in the Iowa Land Recycling Program.	0.5	3
Brownfields	State/tribal listing of Brownfield properties.	0.5	0

7.1 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

In addition to the above ASTM-required databases, Blackstone reviewed other federal, local, and proprietary databases that are included by ERIS in their report. The additional records/databases searched are included in the ERIS' report in Appendix C. The additional environmental record sources were used by Blackstone to assess potential RECs.

7.2 RESULTS OF DATABASE SEARCH

The findings provided in the ERIS report within the ASTM-specified search distances were reviewed and pertinent findings are discussed below. The following table summarizes the site-specific information provided by the database for the Subject Property (if applicable) and nearby identified facilities. Information for all listed facilities is included in Appendix C.

TABLE 7-2 DATABASE SEARCH RESULTS

DATABASE LISTINGS	FACILITY NAME/ADDRESS	REC (Y/N)
UST and Facility Registry Service/Facility Index (FINDS/FRS)	Jones Regional Medical Center Anamosa Community Hospital 104 Broadway Place	Yes
The Subject Property was identified on the database report for operating an 8,000-gallon UST. According to the Iowa Department of Natural Resources (IDNR) Tank database, the UST was installed in 1965 and the contents are identified as "other." Records received from IDNR included a letter issued by the IDNR on February 15, 1991 stating that the tank was coded exempt as it contained heating oil and should not have been registered. The Subject Property is not identified on a database indicating the UST has leaked. However, based on the age of the UST, it would be considered a REC.		
SPILLS, PFAs Ind, AST, UST, LUST, SSTS, Delisted Tank, RCRA Very Small Quantity Generator (VSQGN)	Anamosa State Penitentiary 406 North High Street	No
This facility is located approximately 185 feet to the southwest and downgradient from the Subject Property. The database and IDNR online records indicate the facility operated a 550-gallon and a 1,000-gallon gasoline USTs that were installed in 1953 and 1961, respectively and subsequently removed in 1992. A 1,500-gallon gasoline UST was installed in 1992 and is still active. A leak was reported in 1992 during removal of the historical USTs. The LUST was reportedly cleaned up and received a No Further Action letter from the IDNR on January 31, 2002. Two SPILLS were reported at the facility; one in 2004 of 250-gallons of a pesticide when a forklift hit a bulk tote and in 2013 when 24 ounces of mercury were released during the demolition of a boiler. Both incidents were reported as closed. The facility was identified as a VSQGN in 1982, 1994, 2000, 2003, 2017, 2016, and 2019 for generating ignitable waste, halogenated solvents, lead, and used oil. Multiple violations were discovered, but resolved. The facility operates a 10,000-gallon AST. The contents were not listed in the database and the IDNR online databases did not have that information. Based on the downgradient direction from the Subject Property and the regulatory status, this facility is not considered a REC.		

The remaining facilities listed in the database report (Appendix C) are not considered RECs to the Subject Property at this time based upon regulatory status, apparent topographic gradient, and/or distance from the Subject Property.

7.2.1 Orphan Sites

Orphan sites are unmapped facilities that do not contain sufficient address or location information to be mapped relative to the Subject Property. Three orphan sites were listed at the Anamosa City Hall location, which is approximately 1,750 feet south and crossgradient to the Subject Property. Based on the distance and direction from the Subject Property, it is not considered a REC.

7.2.2 Subject Property and Vicinity Observation Wells

A search for various types of wells was included in ERIS' Physical Setting Report (Appendix D). Wells were not identified on the Subject Property.

7.3 OTHER RECORDS REVIEWED/AGENCIES CONTACTED

Additional sources of environmental records were evaluated as part of this Phase I ESA for reasonably ascertainable and/or practically reviewable documentation regarding RECs present at the Subject Property and adjoining properties. The additional sources contacted are discussed in the following sections.

7.3.1 Jones County Assessor

According to information reviewed from the Jones County Assessor's online database, the Subject Property is identified as parcel number 0903427014 and is owned by Livjoyfull, LLC. The hospital building was reportedly constructed in 1966 and the residence was built in 1970.

7.3.2 IDNR

Blackstone accessed the IDNR online Contaminated Sites and Underground Storage Tank Databases for records of the Subject Property. Records for the Subject Property and surrounding properties are summarized in Section 7.2.

8.0 INTERVIEWS

Interviews with key Subject Property representatives were conducted as available.

8.1 INTERVIEWS WITH CURRENT OWNER / SITE MANAGER / OCCUPANT

Blackstone interviewed Mr. Pat Deutmeyer, a representative of the Subject Property owner. Mr. Deutmeyer stated the Subject Property was originally occupied by a hospital and a residential building. The original hospital was demolished to concrete slabs and steel beams. Mr. Deutmeyer indicated that the UST was pumped dry, and that fuel had been present during the pumping.

8.2 INTERVIEWS WITH PAST OWNERS AND OCCUPANTS

Previous owners or occupants of the Subject Property were not available for interview.

8.3 INTERVIEWS WITH STATE AND LOCAL GOVERNMENT OFFICIALS

Interviews with State and local government officials are described in Section 7.

9.0 VAPOR ENCROACHMENT SCREEN

9.1 Vapor Encroachment Screen

Vapor intrusion occurs when there is a migration of volatile chemicals from contaminated groundwater or soil into an overlying building. A Vapor Encroachment Screen identifies releases on and near the Subject Property and evaluates the likelihood of vapors migrating through the subsurface of the Subject Property. Due the use of the UST at the Subject Property, it is possible a vapor encroachment condition exists.

10.0 FINDINGS AND OPINIONS

10.1 FINDINGS

Blackstone has completed a Phase I ESA for the property located at 104 Broadway Place in Anamosa, Jones County, Iowa.

The Subject Property is located at 104 Broadway Place in Anamosa, Iowa and is 4.61 acres in area. It is developed with an approximately 20,215 square foot one-story former hospital building with a crawl space and an approximately 1,585 square foot two-story residence. It is identified as Jones County APN 0903427014 and is owned by Livjoyfull, LLC. The Subject Property is vacant and was most recently occupied by the Jones County Hospital.

North of the Subject Property is undeveloped land. Residences are located to the east and west of Subject Property. To the south of the Subject Property is the Jones County Courthouse Annex and residences.

Based on a review of the historical sources, the Subject Property was developed from at least 1917 through the mid-1960s with a portion of Mercy Hospital. By 1966, the current buildings were constructed and used as a hospital through approximately 2010. Medical offices operated until 2016 when the Subject Property became vacant. By 2019, fill materials were placed north of the hospital building.

Historical resources indicate the area to the north of the Subject Property has not been developed. The areas to the west, south, and east have primarily been developed from at least 1893 through the present with residences. A sanitarium and a church were also south of the Subject Property from 1893 through 1917. Mercy Hospital was present south of the Subject Property from 1917 through the 1960s. The area was vacant until the current courthouse annex was constructed around 1983. The area to the southwest has been developed with the Iowa State Penitentiary and associated buildings from at least 1893 through the present.

The Subject Property was identified on the environmental database report for operating an 8,000-gallon heating oil UST. According to the IDNR online database and records received, the UST was installed in 1965 and is still in operation. Based on the age of the UST, it is considered a REC. The remaining facilities listed in the database report are not considered RECs to the Subject Property at this time based upon regulatory status, apparent topographic gradient, and/or distance from the Subject Property.

Based on the age of the Site buildings and visual inspection performed during the site visit, it is possible that ACM and LBP are present.

10.2 CONCLUSIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-21 of 104 Broadway Place in Anamosa, Iowa, the Subject Property. Any exceptions to, or deletions from, this practice are described in Section 2 of this report. This assessment has revealed the following RECs, CRECs, and/or significant data gaps in connection with the subject property:

- The presence and use of an UST for approximately 58 years is considered a REC.

HRECs and de minimus conditions were not identified during the preparation of this Phase I ESA.

10.3 RECOMMENDATIONS

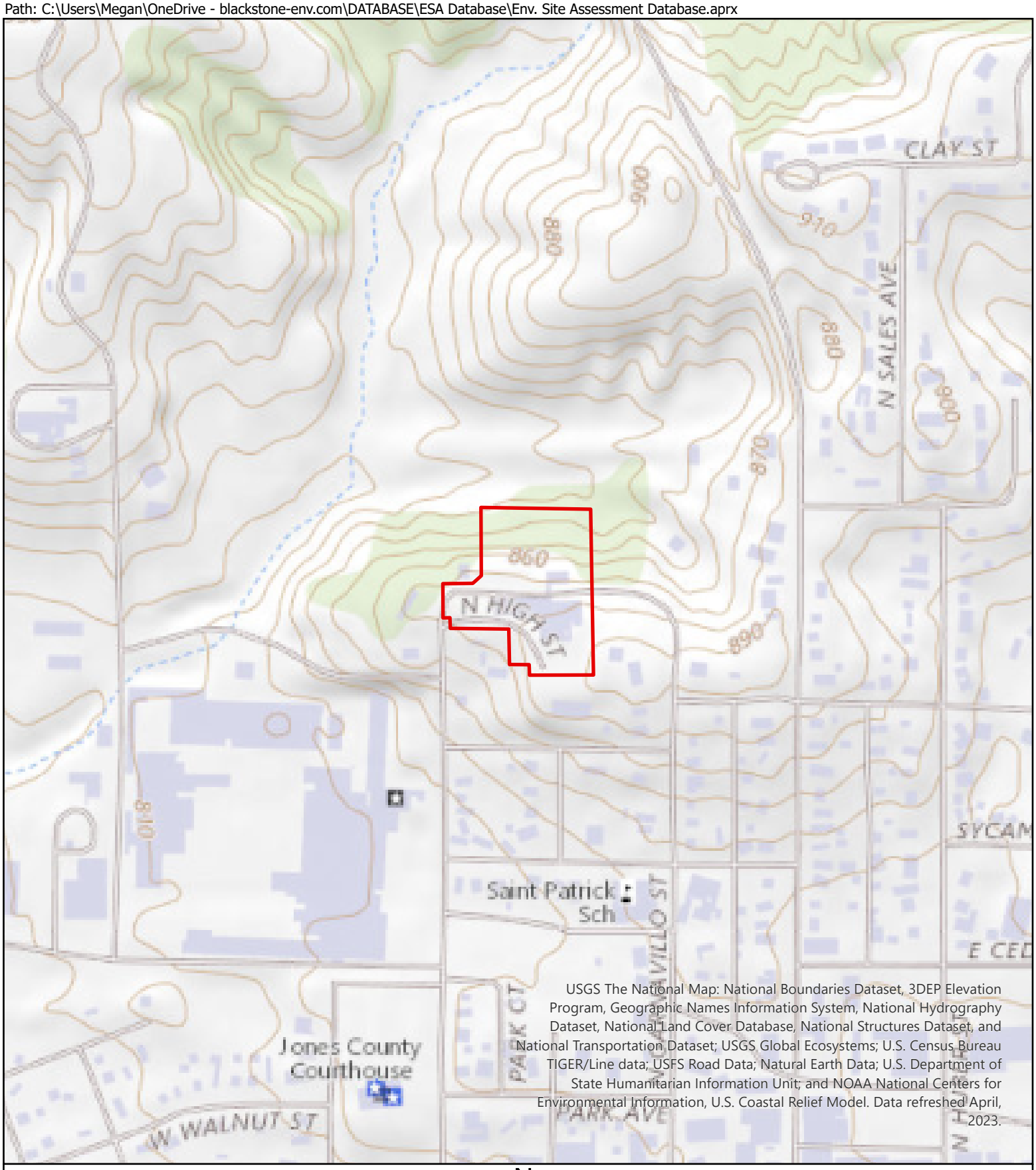
In order to evaluate the potential environmental impacts related to the identified RECs, additional investigation is recommended.

11.0 REFERENCES

References used for this report are presented throughout the text and in the Appendices.

FIGURES

Path: C:\Users\Megan\OneDrive - blackstone-env.com\DATABASE\ESA Database\Env. Site Assessment Database.aprx



Site Boundary

N

0 250 500 Feet

FIGURE 1	Project Mgr: KB	Date: 11-2023
	Designed By: MO	Rev.:
	Drawn By: MO	Rev.:
	Checked by: KB	Rev.:
	Job No.: 3607	Rev.:

BLACKSTONE ENVIRONMENTAL

CLIENT NAME: ECIA

SHEET NAME: Topographic Map - Phase I ESA

PROJECT LOCATION: 104 Broadway Place Anamosa, Iowa

Path: C:\Users\Tyler S\OneDrive - blackstone-env.com\DATABASE\ESA Database\Env. Site Assessment Database.aprx

Property Boundary

UST Basin

N

Feet

0 50 100 200

FIGURE 2				
	Project Mgr: KB	Date: 12-2023	BLACKSTONE ENVIRONMENTAL	CLIENT NAME: ECIA
	Designed By: MO	Rev.:		SHEET NAME: Subject Property Map- Phase I ESA
	Drawn By: MO	Rev.:		PROJECT NAME AND LOCATION: 104 Broadway Place Anamosa, Iowa
	Checked by: KB	Rev.:		
	Job No.: 3607	Rev.:		

APPENDIX A

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

Transformer and UST in the northeast portion of the Subject Property. Undeveloped land in the background.

Residential properties to the east of the Subject Property.

Commercial land south of the Subject Property.

Residential property west of the Subject Property.

Prison southeast of the Subject Property.

Main entrance on south side of the Subject Property facing north.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

South side of the Subject Property, facing northwest.

Southeast corner of the Subject Property, facing east-southeast.

Southeast corner of the Subject Property, facing east. Building on the left was indicated as the nun's house.

Northeast corner of the Subject Property, facing southeast.

Northeast corner of the Subject Property water lines. The gated portion contains a gas service line.

Gas service line within the gated alcove.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

UST riser in northeast corner of the Subject Property facing southwest.

View of the transformer located in the northeast corner of the Subject Property.

Electrical box west of the transformer on the northeast corner of the Subject Property.

Inside second floor of the facility inside of the main entrance.

Inside second floor of the facility, inside of the main entrance.

Bathroom floor tile on the second floor near the main entrance.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

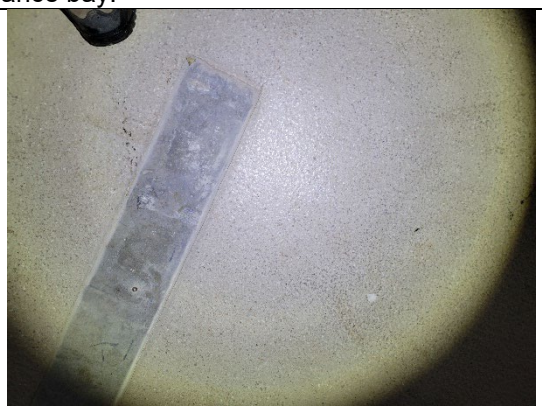
Vinyl floor tile on second floor within the main entrance.

Vinyl floor tile on the second floor in the main room with mastic on top of the tile.

Multiple tiles on top of one another on the second floor in the main room.

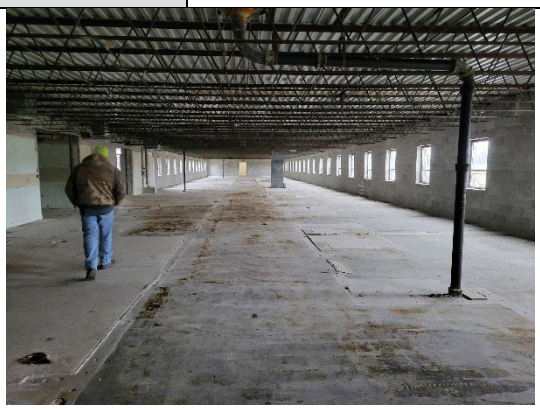
Door frame from second floor main room into the ambulance bay.

Mold on sheetrock in the second floor main room.



Sheet flooring component on concrete.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell



North half of second floor of the Subject Property facing west.

Modern aluminum window with dripping window glazing on the north wall of the second floor northern room.

Fire door at the stairwell in the main room of the second floor.

Stairwell from second floor to the first floor.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

Corner outside of stairwell from second floor to first floor. Showing cove base, carpet, and sheetrock walls.

Elevator mechanics room. Center of first floor. Stained concrete. Facing Northwest.

Elevator mechanism closeup panel.

Power to the elevator mechanism. Out of picture is a Sump directly beneath the power switch.

Pipes, wrapped and painted, running through the roof of the first floor. Room to the east of the elevator mechanic room.

Elevator mechanic room.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

Electrical panel in the old diesel generator room located in the northeast corner of the first floor.

Floor drain in the diesel generator room with stained concrete.

Sump in the diesel generator room.

Crawl space entrance within the diesel generator room. Entrance is within generator room in the northwest corner.

Vinyl floor tile on top of sheet flooring on the first floor.

Vinyl floor tiles on the first floor.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

Main room on the first floor, facing east toward the entrance to the generator and elevator rooms.

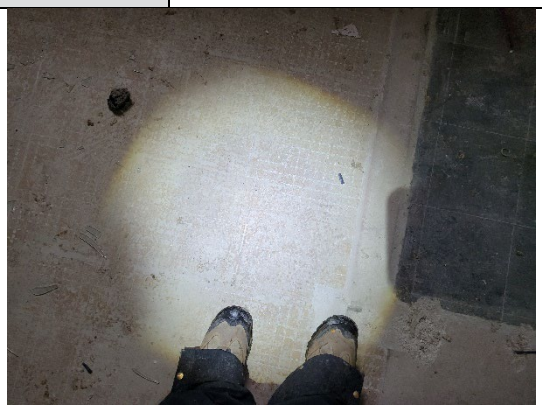
Main room on the first floor, facing west.

North wall of hospital and residential structure. Facing east.

Second floor of the residential structure. Facing east.

Residual glue on floorboards on the second floor of the residential structure.

Tiles on the first floor in the room with the water heater. Room to the east of the stairs down.

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa, Iowa	**Date:**	December 5, 2023
Project Name:	Phase I ESA	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell
			
Minor sheet rock on studs on the first floor in the southeast rooms. Facing south.		Tile residue on first floor around the water heater room.	

APPENDIX B

HISTORICAL USE DOCUMENTATION

HISTORICAL AERIALS

Project Property: ECIA - Broadway
104 Broadway Place
Anamosa IA 52205

Project No: 3607

Requested By: Blackstone Environmental

Order No: 23112800231

Date Completed: November 30,2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	United States Department of Agriculture	1" = 500'	
2019	Maxar Technologies	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2007	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1973	United States Geological Survey	1" = 500'	
1964	Agricultural Stabilization & Conserv. Service	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1936	Agricultural Stabilization & Conserv. Service	1" = 500'	

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

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

Year: 2019
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

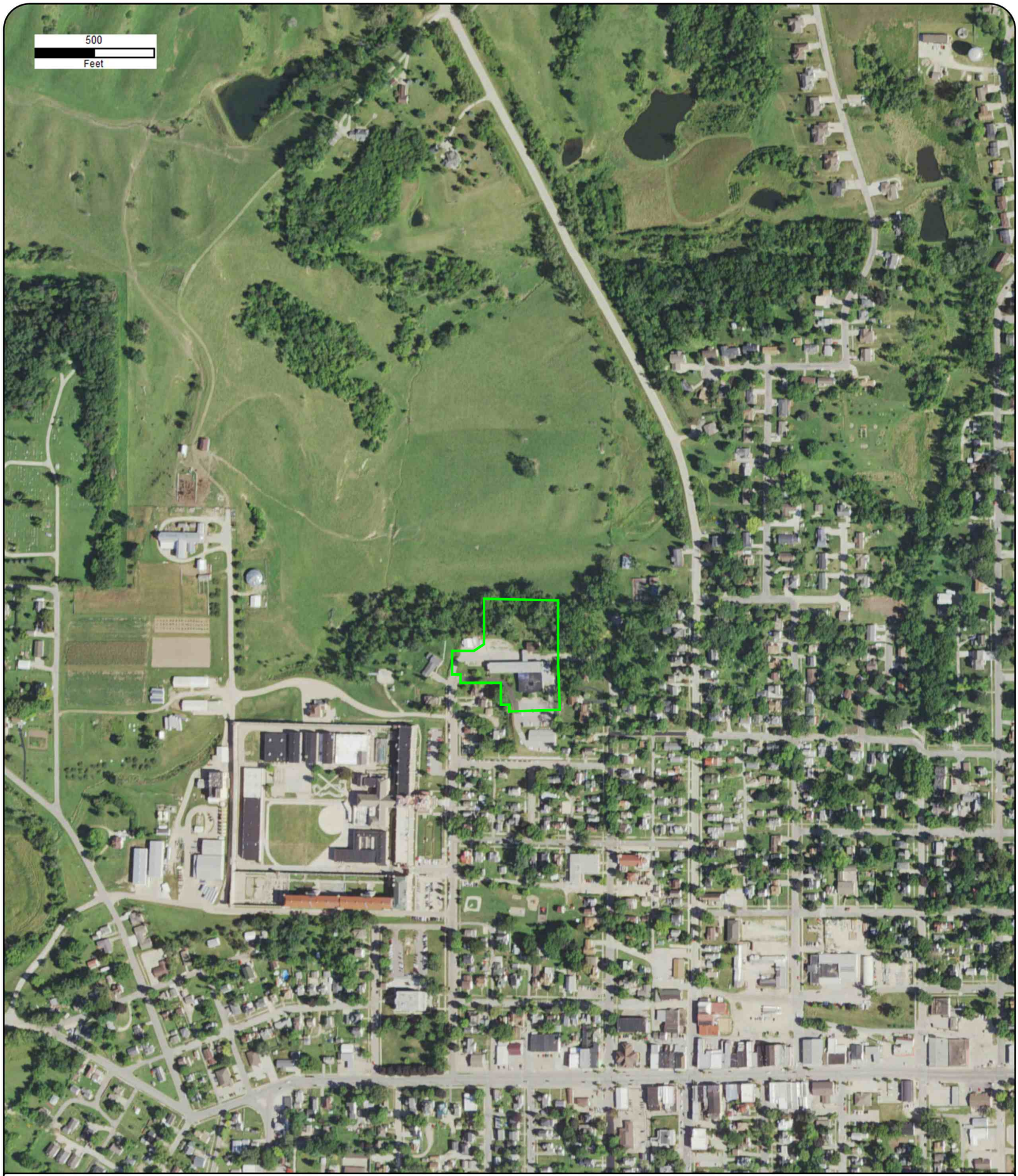
ERIS

Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 2015
Source: USDA
Scale: 1" = 500'
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Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

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

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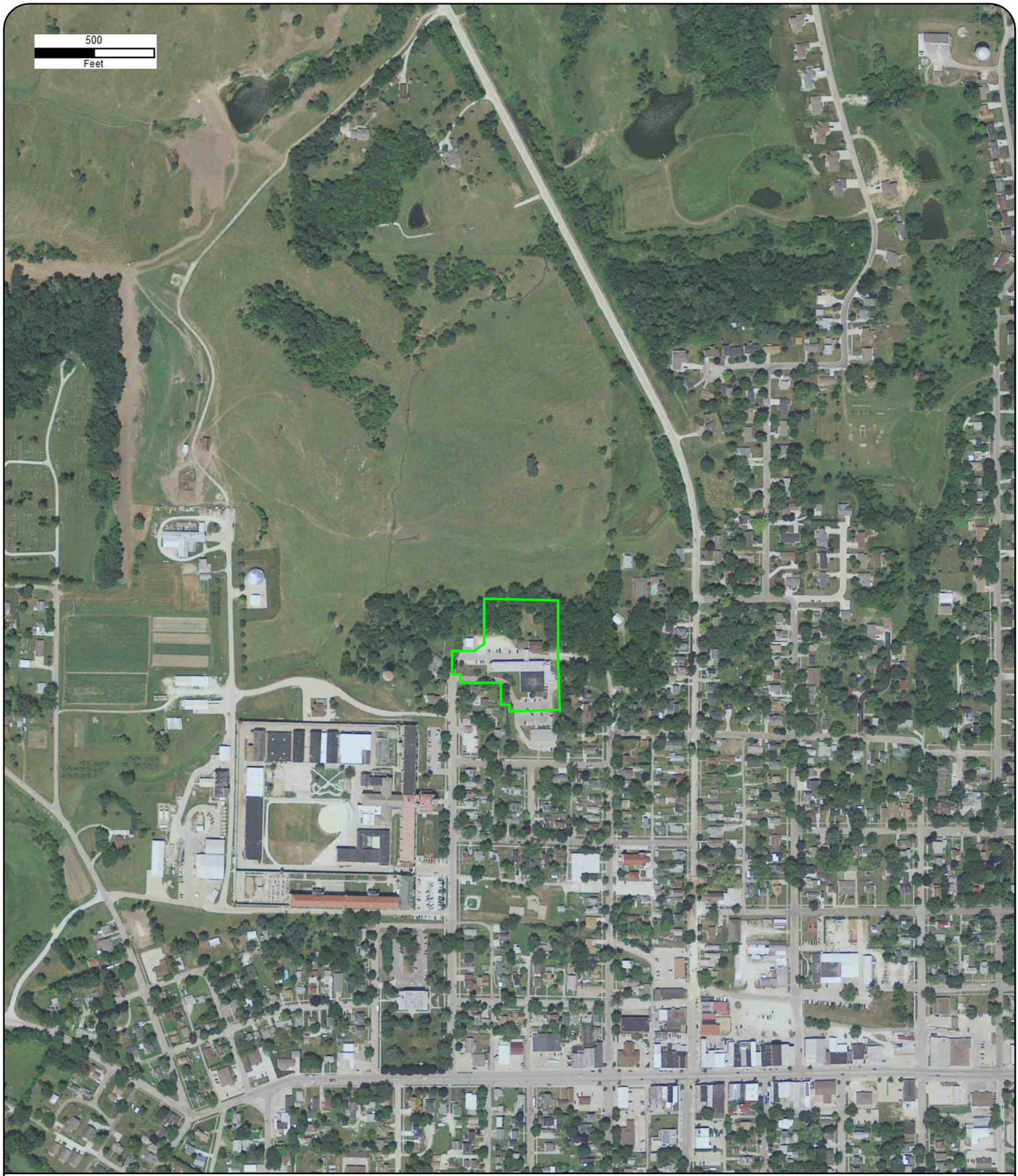
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

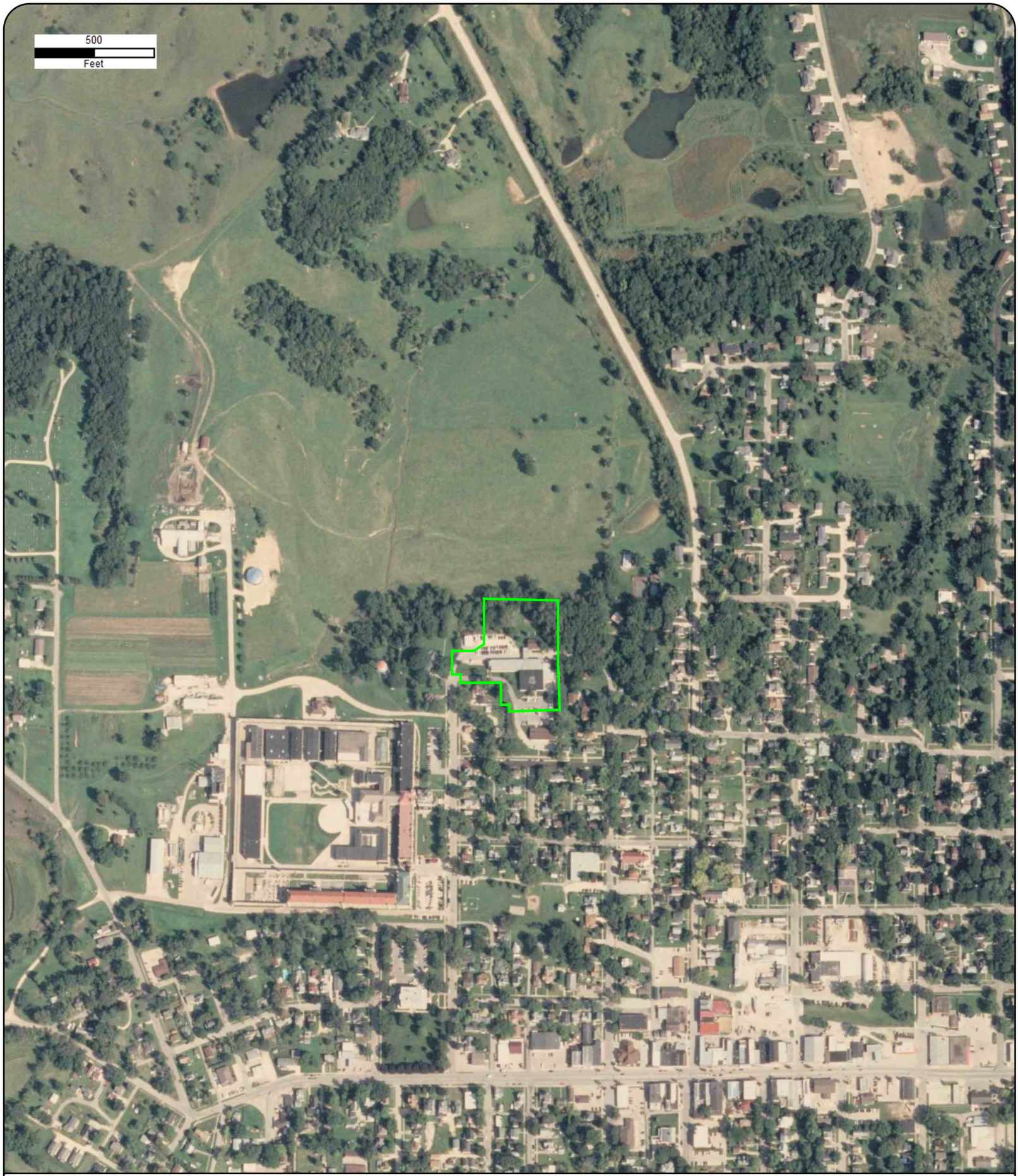


Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

Year: 2007
Source: USDA
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

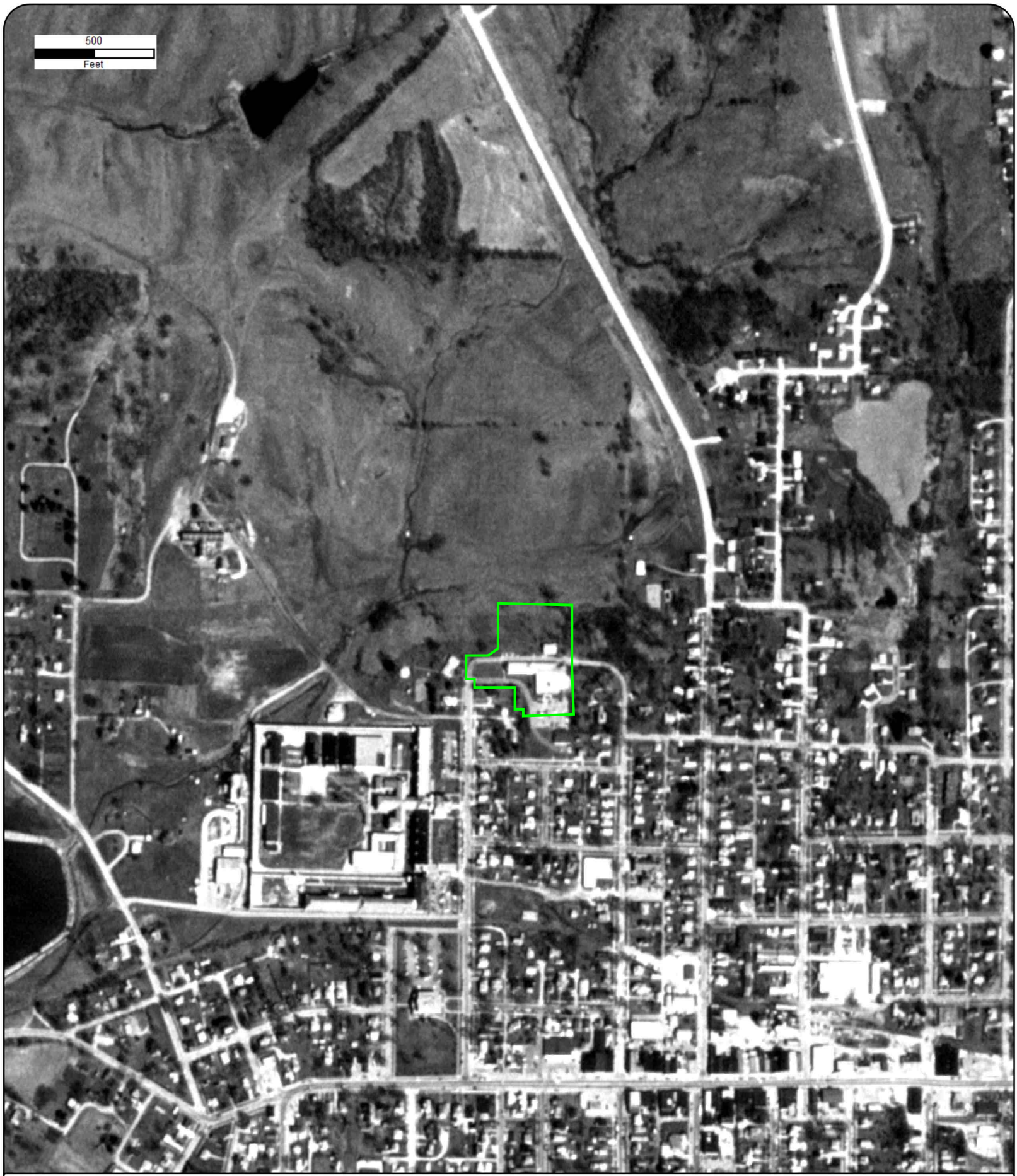
ERIS

Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 1983
Source: USGS
Scale: 1" = 500'
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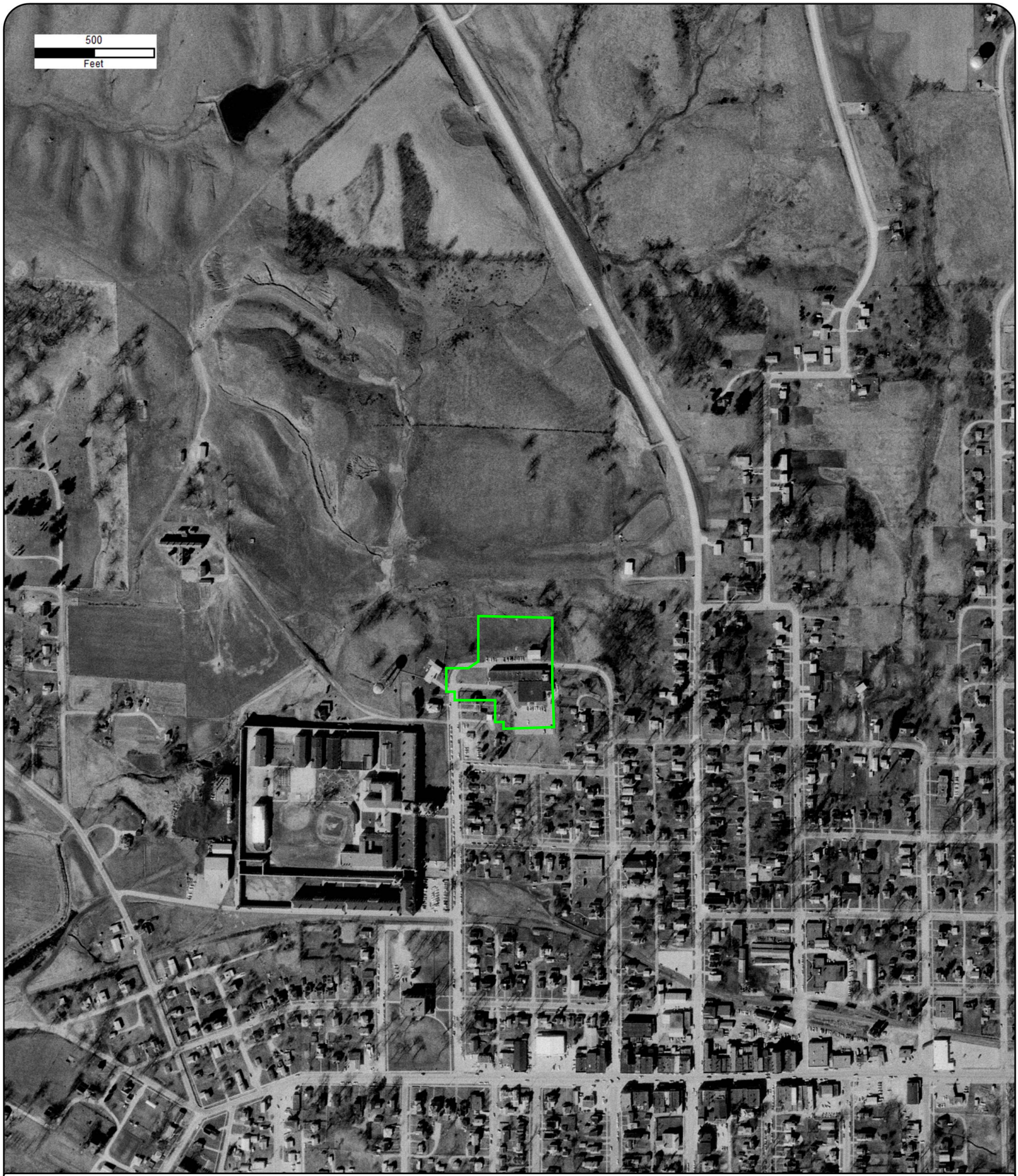
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 1973
Source: USGS
Scale: 1" = 500'
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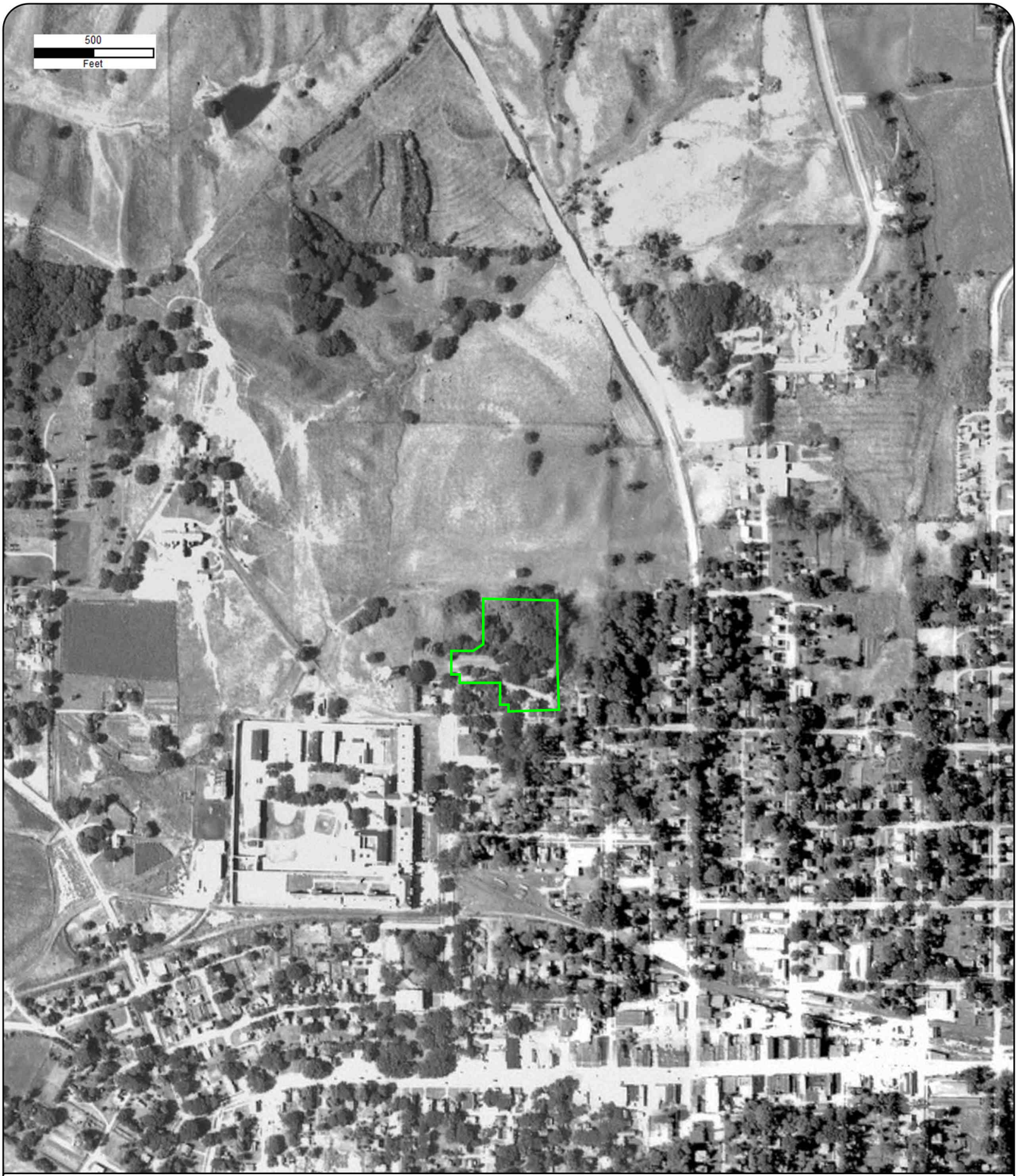
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 1964
Source: ASCS
Scale: 1" = 500'
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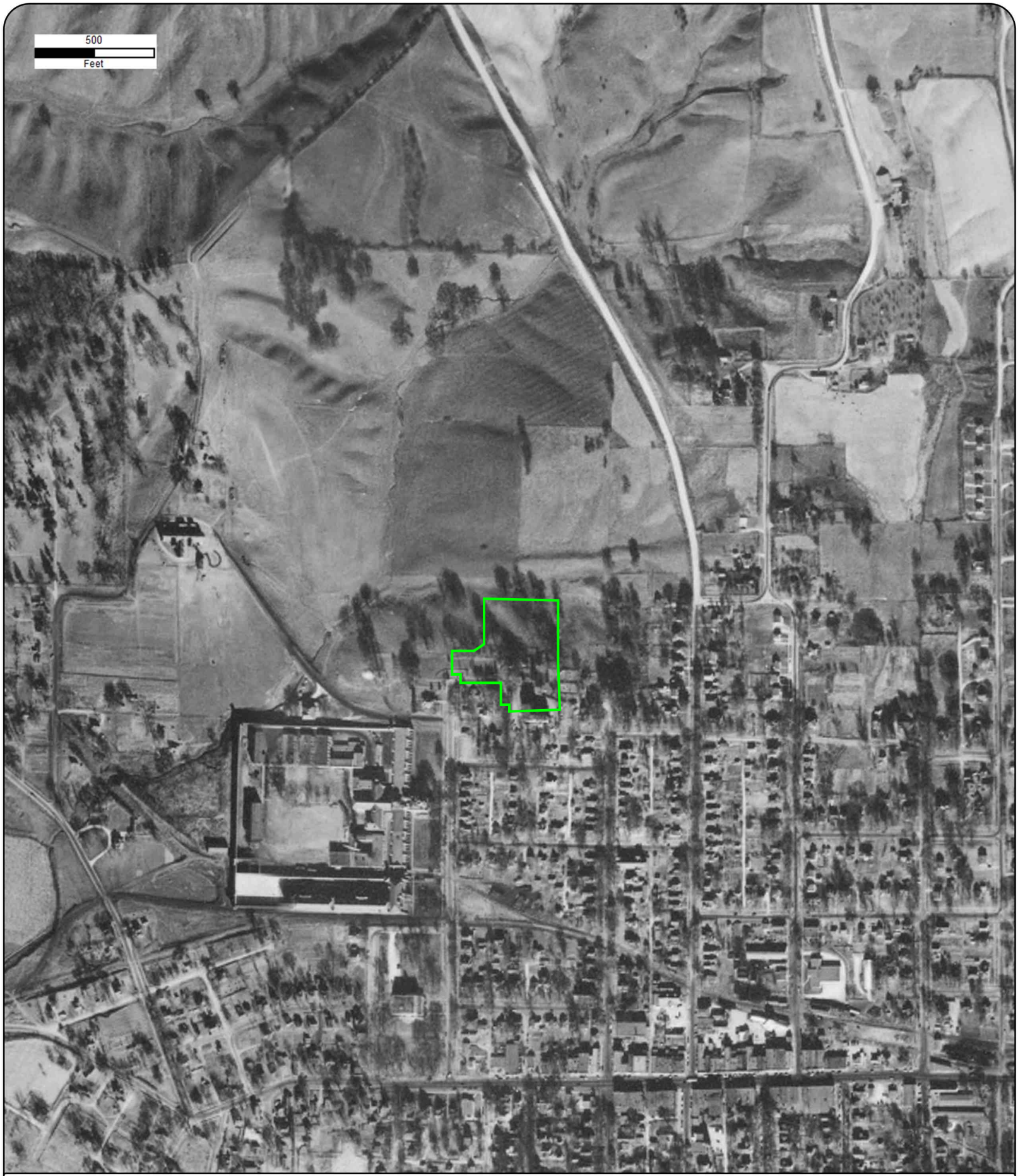
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS



Year: 1952
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

Year: 1936
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 104 Broadway Place, Anamosa, IA
Approx Center: -91.28827289,42.11315872

Order No: 23112800231

ERIS

CITY DIRECTORY

Project Property:	*ECIA - Broadway* *104 Broadway Place* *Anamosa,IA 52205*
Project No:	*3607*
Requested By:	*Blackstone Environmental*
Order No:	*23112800231*
Date Completed:	*December 04, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

December 04, 2023
RE: CITY DIRECTORY RESEARCH
104 Broadway Place
Anamosa,IA 52205

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
All of Broadway Place
305-450 of N Garnavillo St
405-500 of N High St
395-410 of N Iowa St
400-450 of Sales St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	

2022 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **MC CALL, MARILYN S**...*DIETITIANS*
104 **RAINBOW CHILDCARE**...*SCHOOLS*
105 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
105 **JONES COUNTY PUBLIC HEALTH**...*COUNTY GOVERNMENT-PUBLIC HEALTH PROGRAMS*
105 **JONES COUNTY VETERANS AFFAIRS**...*GOVERNMENT OFFICES-COUNTY*
108 **ABBE CENTER FOR CMNTY MENTAL**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
108 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
110 **IRENE HOUSE**...*RESIDENTIAL*

2022 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **DANIEL PROBASCO**...*RESIDENTIAL*
307 **STEPHEN LUDLEY**...*RESIDENTIAL*
308 **MELISSA ROBINSON**...*RESIDENTIAL*
311 **KELLY HALL**...*RESIDENTIAL*
400 **LARRE OSTERKAMP**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*
406 **DAVID BENSON**...*RESIDENTIAL*

2022 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS-UNIVERSITIES & COLLEGES ACADEMIC*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*ENVIRONMENTAL PRODUCTS & SUPLS (WHLS)*
406 **ANAMOSA STATE PENITENTARY MSM**...*MUSEUMS*
406 **ANIMALS ESTATE PENITENTIARY**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA DEPARTMENT OF CORRECTIONS**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PENITENTIARY**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PENITENTIARY**...*MANUFACTURERS*
406 **IOWA STATE PRISON INDUSTRIES**...*FARMS*
406 **IOWA STATE PRISON INDUSTRIES**...*NONPROFIT ORGANIZATIONS*
406 **STATE INDUSTRIES**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
406 **STATE INDUSTRIES**...*SEATING COMPANIES (WHLS)*
406 **STATE INDUSTRIES**...*SCHOOLS*
406 **STATE INDUSTRIES**...*PUBLIC BUILDING/RELATED FURNITURE (MFRS)*
409 **DIANE LYON**...*RESIDENTIAL*
409 **ROCHELLE APPLEBY**...*RESIDENTIAL*
411 **SHANA LERCH**...*RESIDENTIAL*

2022 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

409 **DAVID ODEEN**...*RESIDENTIAL*

2022 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCE BRADY**...*RESIDENTIAL*
402 **DANIEL KULA**...*RESIDENTIAL*
403 **WILLIAM LAFLER**...*RESIDENTIAL*
404 **MICHAEL MCBRIDE**...*RESIDENTIAL*

2020 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **MC CALL, MARILYN S**...*DIETITIANS*
104 **RAINBOW CHILDCARE**...*SCHOOLS*
105 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
105 **JETS**...*DISABILITY SERVICES*
105 **JETS**...*BUS LINES*
105 **JONES COUNTY CLERK**...*COUNTY GOVERNMENT-EXECUTIVE OFFICES*
105 **JONES COUNTY COMMUNITY SVC**...*FEDERAL GOVERNMENT CONTRACTORS*
105 **JONES COUNTY COMMUNITY SVC**...*GOVERNMENT OFFICES-COUNTY*
105 **JONES COUNTY HUMAN SVC**...*COUNTY GOVERNMENT-SOCIAL/HUMAN RESOURCES*
105 **JONES COUNTY HUMAN SVC**...*GOVERNMENT OFFICES-COUNTY*
105 **JONES COUNTY VETERANS AFFAIRS**...*GOVERNMENT OFFICES-COUNTY*
105 **JONES COUNTY VETERANS AFFAIRS**...*COUNTY GOVERNMENT-VETERANS AFFAIRS ADMIN*
108 **ABBE CENTER FOR CMNTY MENTAL**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
108 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
110 **IRENE HOUSE**...*RESIDENTIAL*

2020 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **DANIEL PROBASCO**...*RESIDENTIAL*
307 **BONNIE LUDLEY**...*RESIDENTIAL*
308 **MELISSA ROBINSON**...*RESIDENTIAL*
311 **KELLY HALL**...*RESIDENTIAL*
400 **LARRE OSTERKAMP**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*
406 **DAVID BENSON**...*RESIDENTIAL*

2020 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS-UNIVERSITIES & COLLEGES ACADEMIC*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*ENVIRONMENTAL PRODUCTS & SUPLS (WHLS)*
406 **ANAMOSA STATE PENITENTARY MSM**...*MUSEUMS*
406 **ANIMALS ESTATE PENITENTIARY**...*SCHOOLS*
406 **ANIMALS ESTATE PENITENTIARY**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA DEPARTMENT OF CORRECTIONS**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PENITENTIARY**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PENITENTIARY**...*MANUFACTURERS*
406 **IOWA STATE PRISON INDUSTRIES**...*FARMS*
406 **IOWA STATE PRISON INDUSTRIES**...*NONPROFIT ORGANIZATIONS*
406 **STATE INDUSTRIES**...*SCHOOLS*
406 **STATE INDUSTRIES**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
406 **STATE INDUSTRIES**...*PUBLIC BUILDING/RELATED FURNITURE (MFRS)*
406 **STATE INDUSTRIES**...*SEATING COMPANIES (WHLS)*
409 **DIANE LYON**...*RESIDENTIAL*
409 **ROCHELLE APPLEBY**...*RESIDENTIAL*
411 **MICHELLE PINS**...*RESIDENTIAL*
411 **SHANA LERCH**...*RESIDENTIAL*

2020 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

409 **DAVID ODEEN**...*RESIDENTIAL*

2020 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCE BRADY**...*RESIDENTIAL*
402 **DANIEL KULA**...*RESIDENTIAL*
402 **LORETTA KULA**...*RESIDENTIAL*
403 **DEBORAH LAFLER**...*RESIDENTIAL*
403 **WILLIAM LAFLER**...*RESIDENTIAL*
404 **MICHAEL MCBRIDE**...*RESIDENTIAL*

2016 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **MC CALL, MARILYN S**...*DIETITIANS*
104 **RAINBOW CHILDCARE**...*SCHOOLS*
105 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
105 **JONES COUNTY CLERK**...*COUNTY GOVERNMENT-EXECUTIVE OFFICES*
105 **JONES COUNTY COMMUNITY SVC**...*GOVERNMENT OFFICES-COUNTY*
105 **JONES COUNTY HUMAN SVC**...*COUNTY GOVERNMENT-SOCIAL/HUMAN RESOURCES*
105 **JONES COUNTY VETERANS AFFAIRS**...*COUNTY GOVERNMENT-VETERANS AFFAIRS ADMIN*
105 **VISITING NURSE ASSN**...*HOME HEALTH SERVICE*
108 **ABBE CENTER FOR CMNTY MENTAL**...*PHYSICIANS & SURGEONS*
110 **IRENE HOUSE**...*RESIDENTIAL*

2016 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **DANIEL PROBASCO**...*RESIDENTIAL*
308 **MELISSA ROBINSON**...*RESIDENTIAL*
311 **KELLY HALL**...*RESIDENTIAL*
400 **LARRE OSTERKAMP**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*
402 **WILMA ALBANG**...*RESIDENTIAL*
406 **DAVID BENSON**...*RESIDENTIAL*
406 **PAM BENSON**...*RESIDENTIAL*

2016 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS-UNIVERSITIES & COLLEGES ACADEMIC*
406 **ANAMOSA STATE PENITENTARY MSM**...*MUSEUMS*
406 **ANIMALS ESTATE PENITENTIARY**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PENITENTIARY**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **IOWA STATE PRISON INDUSTRIES**...*FARMS*
406 **JAURON, JEFFERY O MD**...*PHYSICIANS & SURGEONS*
406 **STATE INDUSTRIES**...*PUBLIC BUILDING/RELATED FURNITURE (MFRS)*
406 **STATE INDUSTRIES**...*CITY GOVT-CORRECTIONAL INSTITUTIONS*
409 **DIANE LYON**...*RESIDENTIAL*
409 **ROCHELLE APPLEBY**...*RESIDENTIAL*
409 **SAMANTHA APPLEBY**...*RESIDENTIAL*
411 **SHANA LERCH**...*RESIDENTIAL*
411 **WILLIAM LERCH**...*RESIDENTIAL*

2016 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCE BRADY**...*RESIDENTIAL*
400 **MAXINE BRADY**...*RESIDENTIAL*
402 **DANIEL KULA**...*RESIDENTIAL*
402 **DORIS KULA**...*RESIDENTIAL*
402 **LORETTA KULA**...*RESIDENTIAL*
403 **DEBORAH LAFLER**...*RESIDENTIAL*
403 **WILLIAM LAFLER**...*RESIDENTIAL*

2012 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **HARVEY, PAMELA DO**...*PHYSICIANS & SURGEONS*
104 **MC CALL, MARILYN S**...*DIETITIANS*
104 **SERBOUSEK, THOMAS R MD**...*PHYSICIANS & SURGEONS*
105 **JONES COUNTY ASSESSOR**...*COUNTY GOVERNMENT-FINANCE & TAXATION*
105 **JONES COUNTY CLERK**...*COUNTY GOVERNMENT-EXECUTIVE OFFICES*
105 **JONES COUNTY COMMUNITY SVC**...*GOVERNMENT OFFICES-COUNTY*
105 **JONES COUNTY JAIL**...*COUNTY GOVT-CORRECTIONAL INSTITUTIONS*
105 **JONES COUNTY VETERANS AFFAIRS**...*COUNTY GOVERNMENT-VETERANS AFFAIRS ADMIN*
105 **VISITING NURSE ASSN**...*HOME HEALTH SERVICE*
110 **IRENE HOUSE**...*RESIDENTIAL*

2012 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **CARL BATY**...*RESIDENTIAL*
307 **BONNIE LUDLEY**...*RESIDENTIAL*
307 **STEPHEN LUDLEY**...*RESIDENTIAL*
308 **DAVID CHATFIELD**...*RESIDENTIAL*
308 **MARY CHATFIELD**...*RESIDENTIAL*
309 **DENISE PHILLIPS**...*RESIDENTIAL*
311 **DIRK HALL**...*RESIDENTIAL*
311 **KELLY HALL**...*RESIDENTIAL*
313 **MARY LORENZEN**...*RESIDENTIAL*
313 **VIRTUS LORENZEN**...*RESIDENTIAL*
400 **LOUIS OSTERKAMP**...*RESIDENTIAL*
402 **WILMA ALBANG**...*RESIDENTIAL*
406 **BENSON THOMAS**...*RESIDENTIAL*

2012 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PEN DEPT OF EDU**...*SCHOOLS*
406 **WALKER, FONTAINE K DDS**...*DENTISTS*

2012 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

409 **DAVID ODEEN**...*RESIDENTIAL*
409 **EDNA ODEEN**...*RESIDENTIAL*
409 **NETA ODEEN**...*RESIDENTIAL*

2012 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCEED BRADY**...*RESIDENTIAL*
400 **MAXINE BRADY**...*RESIDENTIAL*
402 **DAN KULA**...*RESIDENTIAL*
402 **DANIEL KULA**...*RESIDENTIAL*
402 **JUSTIN KULA**...*RESIDENTIAL*
402 **KULA DAN**...*RESIDENTIAL*
402 **LORETTA KULA**...*RESIDENTIAL*
403 **DEBORAH LAFLER**...*RESIDENTIAL*
403 **WILLIAM LAFLER**...*RESIDENTIAL*
405 **CARLA PENTECOST**...*RESIDENTIAL*
405 **JAMIE PENTECOST**...*RESIDENTIAL*
405 **MAURICE PENTECOST**...*RESIDENTIAL*
405 **RICKY FRENCH**...*RESIDENTIAL*
405 **VALARIE PENTECOST**...*RESIDENTIAL*

2008 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **ANAMOSA AMBULANCE**...*AMBULANCE SERVICE*
104 **ANAMOSA HOSPITAL**...*AMBULANCE SERVICE*
104 **COMMUNITY HEALTH OF JONES CNTY**...*HOME HEALTH CARE SV*
104 **COMMUNITY HLTH JNES CNTY HM CA**...*HOME HEALTH CARE SERVICES*
104 **JONES REGIONAL MEDICAL CTR**...*HOSPITALS*
104 **PHYSICAL THERAPY OF ANAMOSA**...*MEDICAL GRPS &CLNCS*
104 **SPEECH THERAPY OF ANAMOSA**...*HEALTH PRACTITIONER*
105 **DEBRA DDS OLDHAM**...*RESIDENTIAL*
107 **ROBERT L FULWIDER**...*RESIDENTIAL*

2008 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **CARL J BATY**...*RESIDENTIAL*
307 **STEPHEN LUDLEY**...*RESIDENTIAL*
308 **CARL E MINER**...*RESIDENTIAL*
309 **ELWYN MAY**...*RESIDENTIAL*
311 **ROBERT KESEBERG**...*RESIDENTIAL*
311 **VIRTUS LORENZEN**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*

2008 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY J SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PENITENTARY MUSM**...*MUSEUMS*
406 **ANAMOSA STATE PENITENTIARY**...*MUSEUMS,ART GALLERY*
406 **ANAMOSA STATE PENITENTIARY**...*CORRECTIONAL INSTNS*
406 **IOWA STATE FARMS**...*GENERAL CROP FARMS*
406 **IOWA STATE PEN DEPT OF EDCTN**...*ELEMENT, SECON SCHL*
406 **IOWA STATE PENITENTIARY**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **PRISON INDUSTRIES**...*STATE GOVT-CORRECTIONAL INSTITUTIONS*
406 **PRISON INDUSTRIES**...*CORRECTIONAL INSTNS*
406 **STATE INDUSTRIES**...*GOVERNMENT OFFICES-STATE*
407 **G A CONNELLY**...*RESIDENTIAL*
411 **SHANA PINS**...*RESIDENTIAL*

2008 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

407 **JOE & KEMRA PESKA**...*RESIDENTIAL*

2008 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCE BRADY**...*RESIDENTIAL*
403 **BILL & DEB LAFLER**...*RESIDENTIAL*
404 **CANDI MCBRIDE**...*RESIDENTIAL*
405 **MAURICE PENTECOST**...*RESIDENTIAL*

2003 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **ANAMOSA AIR AMBULANCE**...*LEGISLATIVE BODIES, LEVEL OF GOVERNMENT*
104 **COMMUNITY HEALTH OF JONES CNTY**
104 **JONES REGIONAL MEDICAL CTR**
104 **KIDS QUEST**
104 **OCCUPATIONAL THERAPY-ANAMOSA**
105 **BEEVERS STEVEN W DPM**
105 **PODIATRY ASSOCIATES**

2003 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **CARL J BATY**...*RESIDENTIAL*
308 **CARL E MINER**...*RESIDENTIAL*
309 **ELWYN MAY**...*RESIDENTIAL*
311 **ROBERT KESEBERG**...*RESIDENTIAL*
311 **VIRTUS LORENZEN**...*RESIDENTIAL*
400 **LOUIS L OSTERKAMP**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*

2003 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MARY JEANETTE SMITH**...*RESIDENTIAL*
406 **ANAMOSA STATE PENITENTARY MUSM**
406 **IOWA STATE PEN DEPT OF EDCTN**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
406 **PRISON INDUSTRIES**
406 **STATE INDUSTRIES**...*LEGISLATIVE BODIES, STATE AND LOCAL*
407 **G A CONNELLY**...*RESIDENTIAL*
409 **DOUG MULL**...*RESIDENTIAL*
411 **RICHARD & MARY ALBERS**...*RESIDENTIAL*

2003 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **CLARENCE (ED) BRADY**...*RESIDENTIAL*
403 **BILL & DEB LAFLER**...*RESIDENTIAL*
404 **EDWARD & PAM KIRBY**...*RESIDENTIAL*
405 **MAURICE PENTECOST**...*RESIDENTIAL*
406 **AMY PETERSEN**...*RESIDENTIAL*

2000 BROADWAY PLACE

SOURCE: DIGITAL BUSINESS DIRECTORY

104 **ANAMOSA AMBULANCE**...*LEGISLATIVE BODIES, LEVEL OF GOVERNMENT*
104 **COMMUNITY HEALTH OF JONES CNTY**
104 **JONES REGIONAL MEDICAL CTR**
104 **KID'S QUEST/ANAMOSA COMMUNITY**
104 **RAINBOW CHILD CARE & PRE-SCHL**
104 **YOUNG PARENTS NETWORK**...*CHILD RELATED SOCIAL SERVICES*

2000 N GARNAVILLO ST

SOURCE: DIGITAL BUSINESS DIRECTORY

305 **CARL J BATY**...*RESIDENTIAL*
306 **ROBERT I RASMUSSEN**...*RESIDENTIAL*
308 **CARL E MINER**...*RESIDENTIAL*
309 **SHERYL AHRENDSEN**...*RESIDENTIAL*
311 **ROBERT KESEBERG**...*RESIDENTIAL*
311 **VIRTUS LORENZEN**...*RESIDENTIAL*
400 **L WALDERBACH**...*RESIDENTIAL*
402 **JOHN ALBANG**...*RESIDENTIAL*
406 **PAMELA BENSON**...*RESIDENTIAL*

2000 N HIGH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

405 **MONICA DIERKS**...*RESIDENTIAL*
406 **IOWA STATE PEN DEPT OF EDCTN**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
406 **PRISON INDUSTRIES**
406 **STATE INDUSTRIES**...*LEGISLATIVE BODIES, STATE AND LOCAL*
407 **GERALD A CONNELLY**...*RESIDENTIAL*
409 **ROD ALBERS**...*RESIDENTIAL*
411 **RICHARD ALBERS**...*RESIDENTIAL*

2000 N IOWA ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2000 SALES ST

SOURCE: DIGITAL BUSINESS DIRECTORY

400 **C BRADY**...*RESIDENTIAL*
402 **DAN KULA**...*RESIDENTIAL*
403 **BILL LAFLER**...*RESIDENTIAL*
405 **MAURICE PENTECOST**...*RESIDENTIAL*

1996 BROADWAY PLACE

SOURCE: POLKS

104 **ANAMOSA COMMUNITY HOSPITAL**
105 **ALLEN E K**
105 **WAPSI VALLEY FAMILY MEDICAL**
107 **FULWIDER ROBERT L**

1996 N GARNAVILLO ST

SOURCE: POLKS

217	ST PATRICK'S CHURCH
300	MCNAMARA FRANCIS
301	CROSS JAMES G
301	CROSS MARY
303	VOIGT V L
304	SCHULTEJANS E
305	BATY CARL J
309	MAY ELWYN
309	MINER CARL E
311	KESEBERG ROBERT
311	LORENZEN VIRTUS
400	OSTERKAMP LOUIS
402	ALBANG JOHN

1996 N HIGH ST

SOURCE: POLKS

207	WEISENBERGER KAREN
207	WEISENBERGER RAYMOND
401	WESSELS ANGELA
401	WESSELS JUSTIN
403	FIRST LEE A
405	SMITH MARY J
406	MEN'S REFORMATORY STATE INDUSTRIES
407	CONNELLY G A
411	ABERS MARY
411	ALBERS RICHARD
502	BEHRENDS RUSSELL
507	KEENEY BEMIE R

1996 N IOWA ST

SOURCE: POLKS

108	**WIKOX CHUCK E**
109	**SHOVER SCOTTY**
200	**HINRICHSEN BEN**
201	**VIKTORA DEAN**
202	**AUSTIN DF**
207	**ROSENCRANS MIKE**
215	**KOTZ JODY**
300	**BUTLER SUE**
300	**BUTTER BILL**
302	**ELLWOOD DICK**
501	**PHILLIPS CLINTON**
501	**PHILLIPS DENISE**
503	**HARMS RALPH H**
505	**HASLER KENNETH**
511	**EATON ROGER E**

1996 SALES ST

SOURCE: POLKS

400	**BRADY CLARENCE**
402	**KUTA DAN**
403	**LAFLER BIK**
403	**LAFLER DEB**
405	**PENTECOST MAURICE**

FIRE INSURANCE MAPS

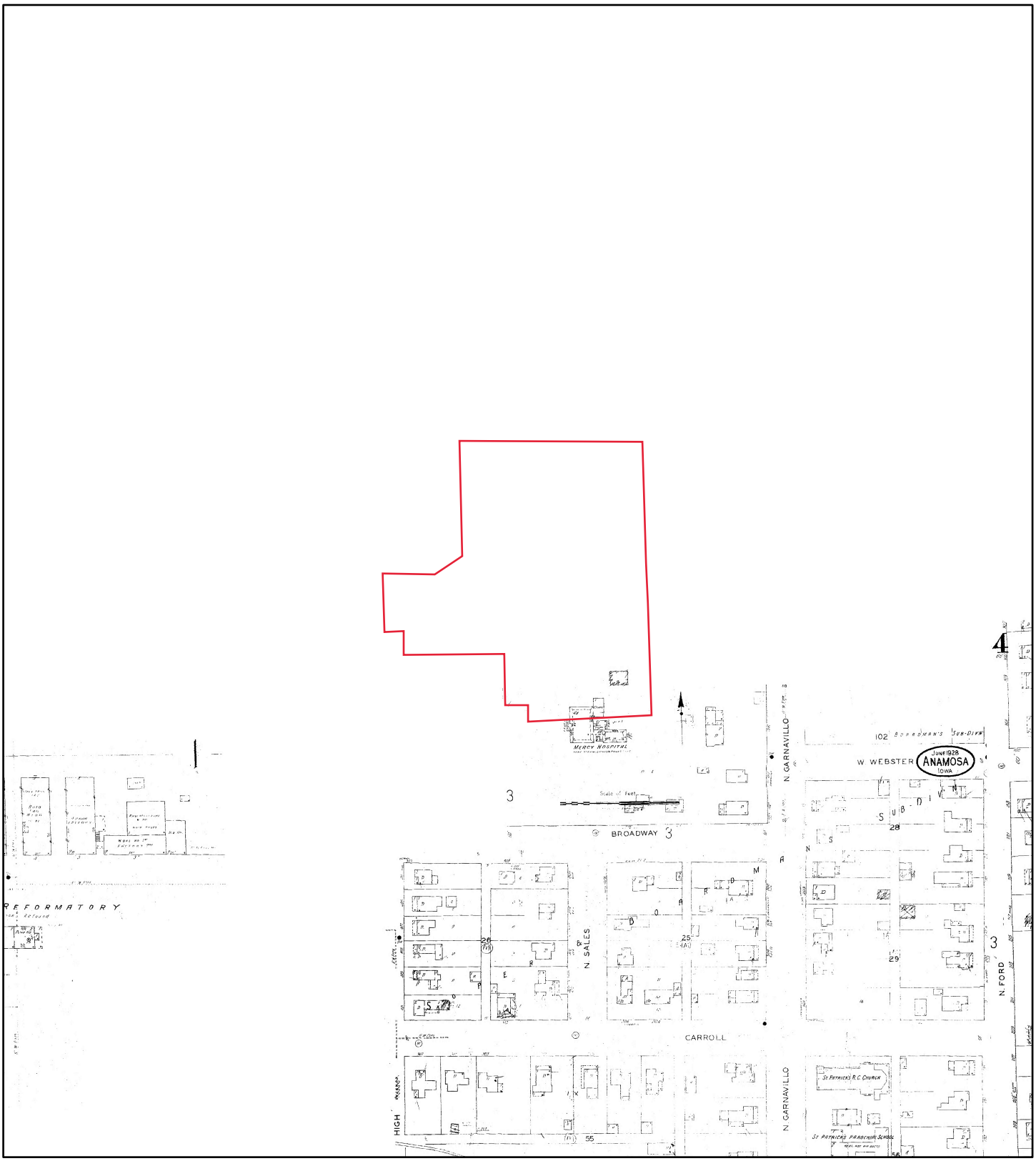
Project Property:	ECIA - Broadway 104 Broadway Place Anamosa IA 52205
Project No:	3607
Requested By:	Blackstone Environmental
Order No:	23112800231
Date Completed:	November 28, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1956	Anamosa	Iowa		10, 3
1949	Anamosa	Iowa		10, 3
1928	Anamosa	Iowa		10, 3
1917	Anamosa	Iowa		1, 2
1905	Anamosa	Iowa		1, 3
1899	Anamosa	Iowa		1, 3
1893	Anamosa	Iowa		1

Fire Insurance Map



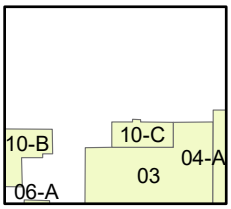
1956

0 105 210 420 630 840

N

Feet

Address: 104 Broadway Place Anamosa IA 52205

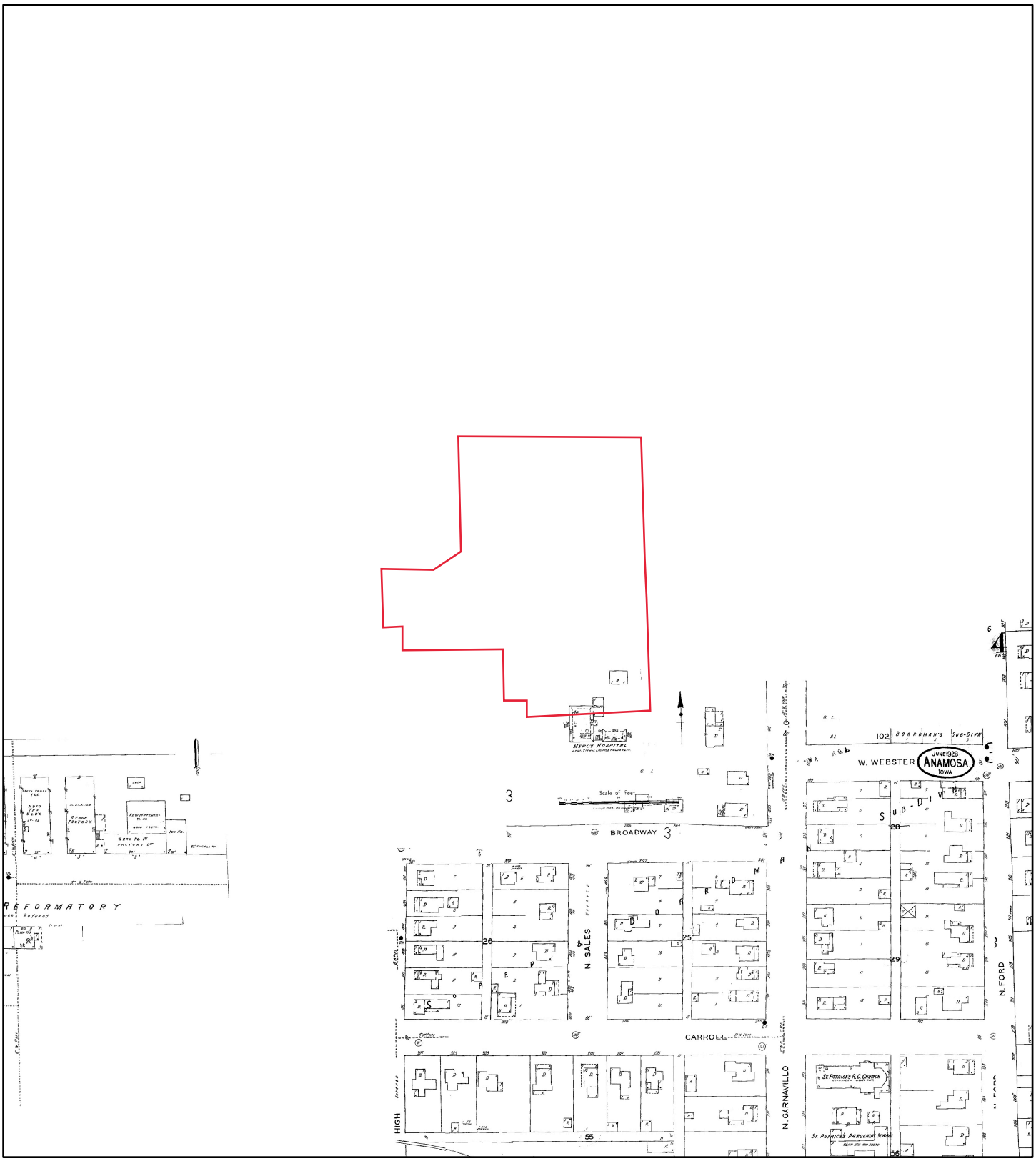


Map sheet(s):
Volume NA: 10,3;

Order Number 23112800231

ERIS

Fire Insurance Map



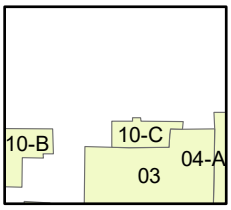
1949

Address: 104 Broadway Place Anamosa IA 52205

0 105 210 420 630 840

N

Feet

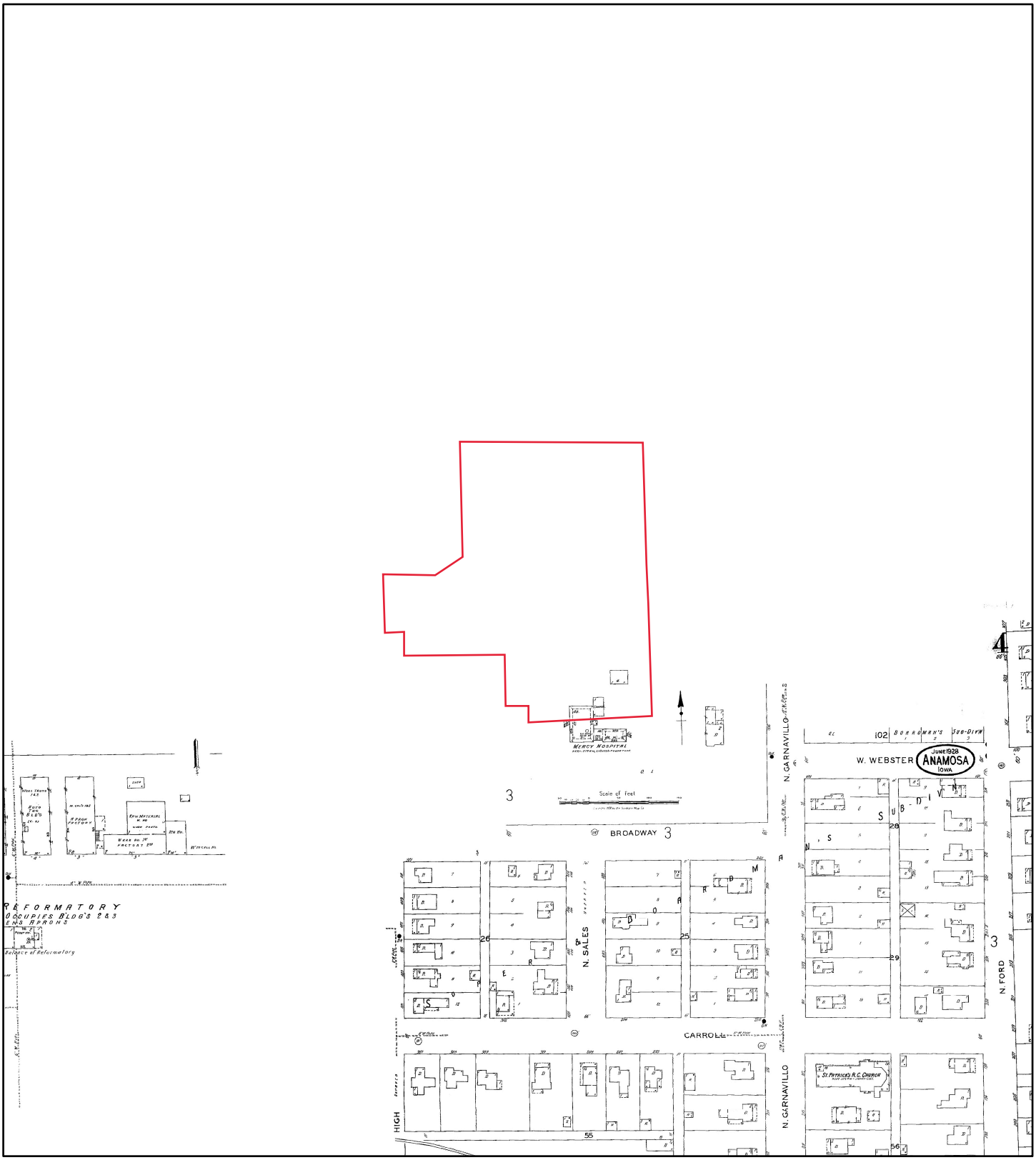


Map sheet(s):
Volume NA: 10,3;

Order Number 23112800231

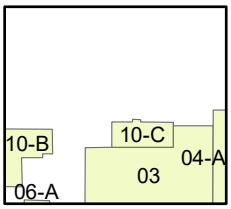
ERIS

Fire Insurance Map



1928

Address: 104 Broadway Place Anamosa IA 52205

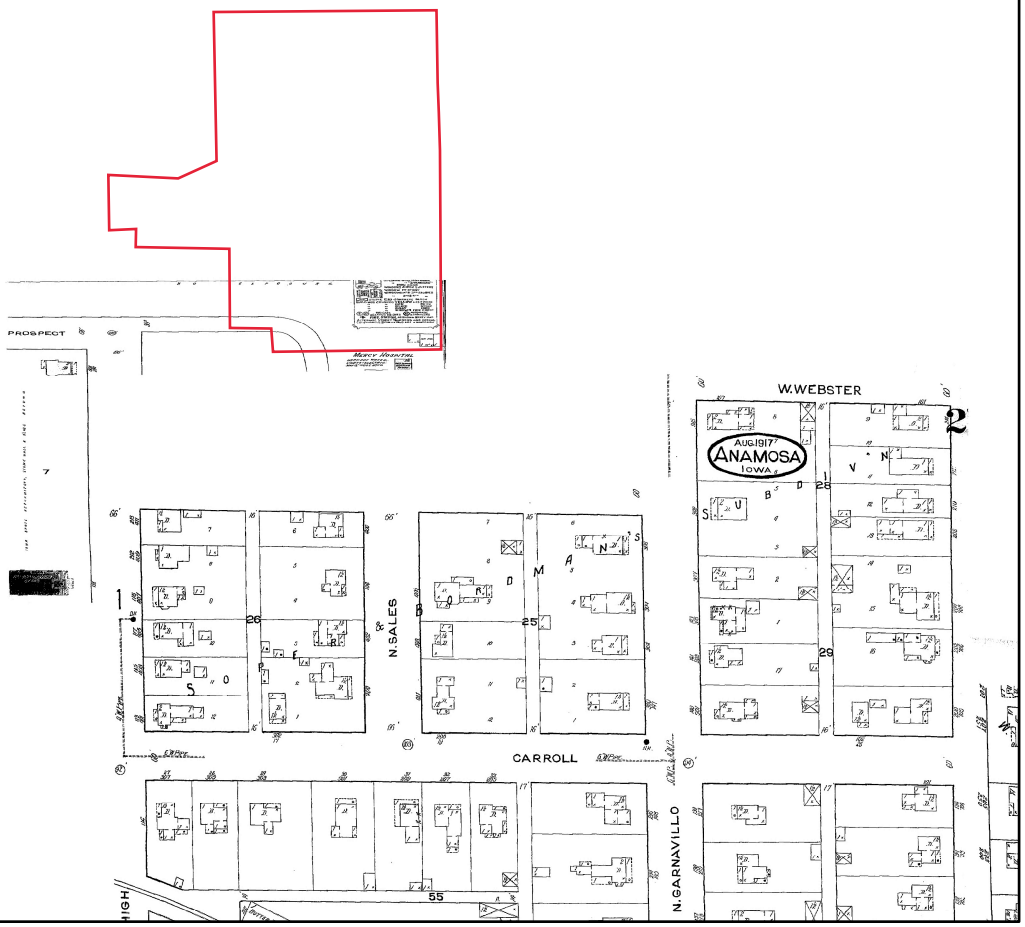


Map sheet(s):
Volume NA: 10,3;

Order Number 23112800231

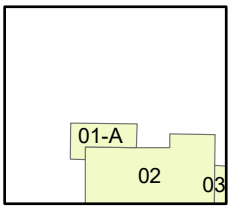
ERIS

Fire Insurance Map



1917

Address: 104 Broadway Place Anamosa IA 52205



Map sheet(s):
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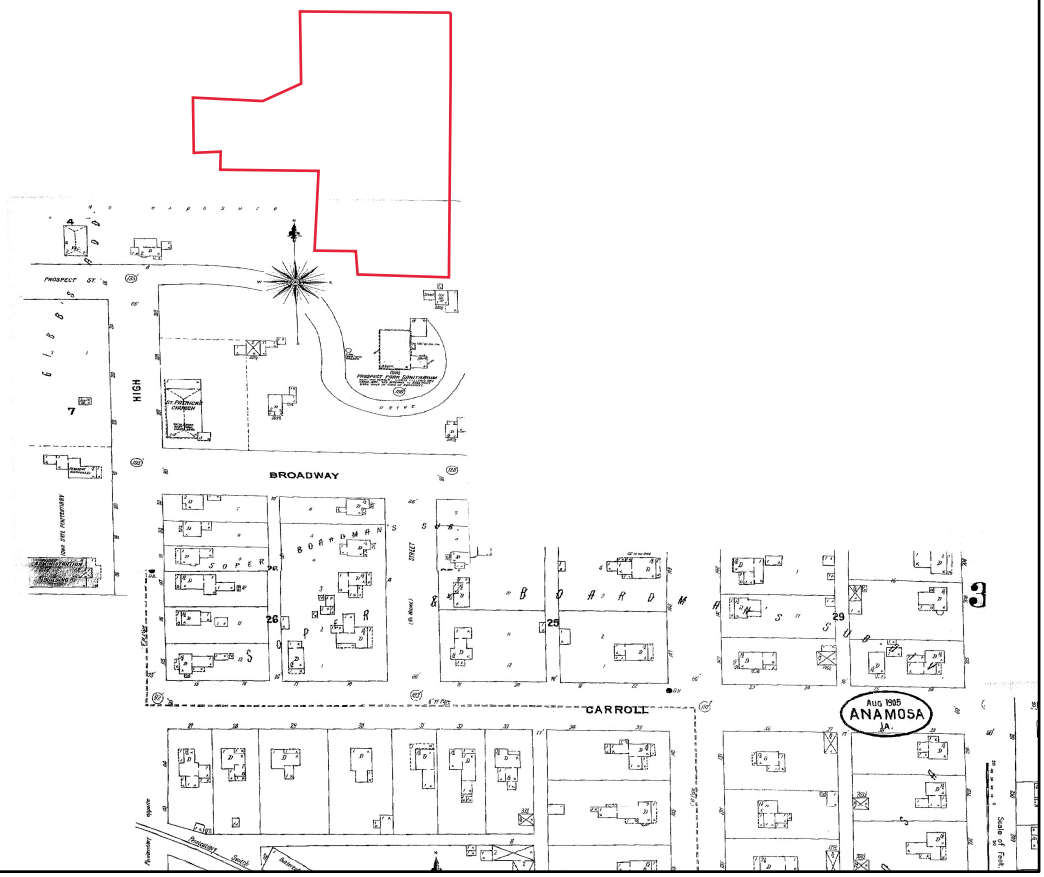
Order Number 23112800231

ERIS

Fire Insurance Map



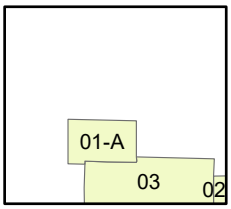
1905

Address: 104 Broadway Place Anamosa IA 52205

N

0 105 210 420 630 840

Feet

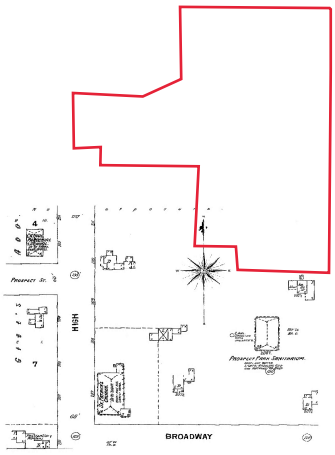


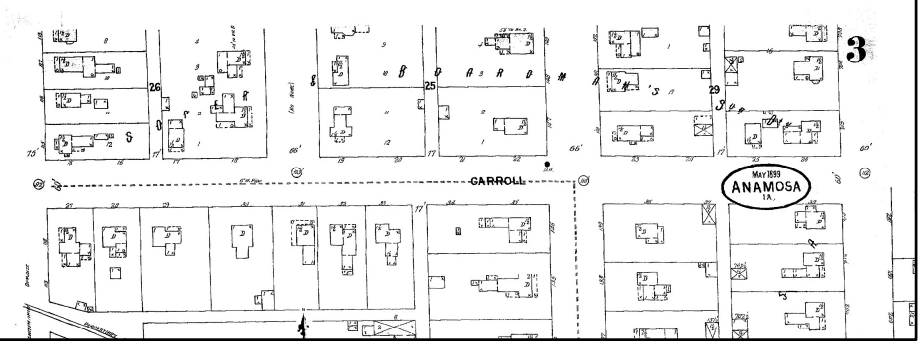
Map sheet(s):
Volume NA: 1,3;

Order Number 23112800231

ERIS

Fire Insurance Map





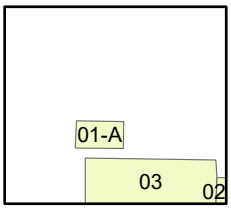
1899

Address: 104 Broadway Place Anamosa IA 52205

N

0 105 210 420 630 840

Feet

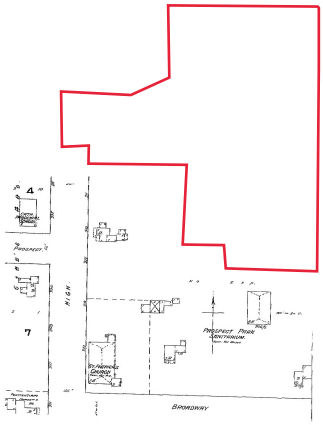


Map sheet(s):
Volume NA: 1,3;

Order Number 23112800231

ERIS

Fire Insurance Map



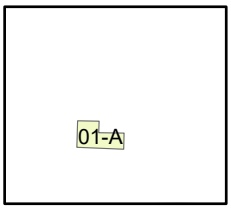
1893

Address: 104 Broadway Place Anamosa IA 52205

N

0 105 210 420 630 840

Feet



Map sheet(s):
Volume NA: 1;

Order Number 23112800231

ERIS

TOPOGRAPHIC MAPS

Project Property:	ECIA - Broadway 104 Broadway Place Anamosa IA 52205
Project No:	3607
Requested By:	Blackstone Environmental
Order No:	23112800231
Date Completed:	November 28, 2023

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2018	7.5
2015	7.5
2013	7.5
1973	7.5
1890	15

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

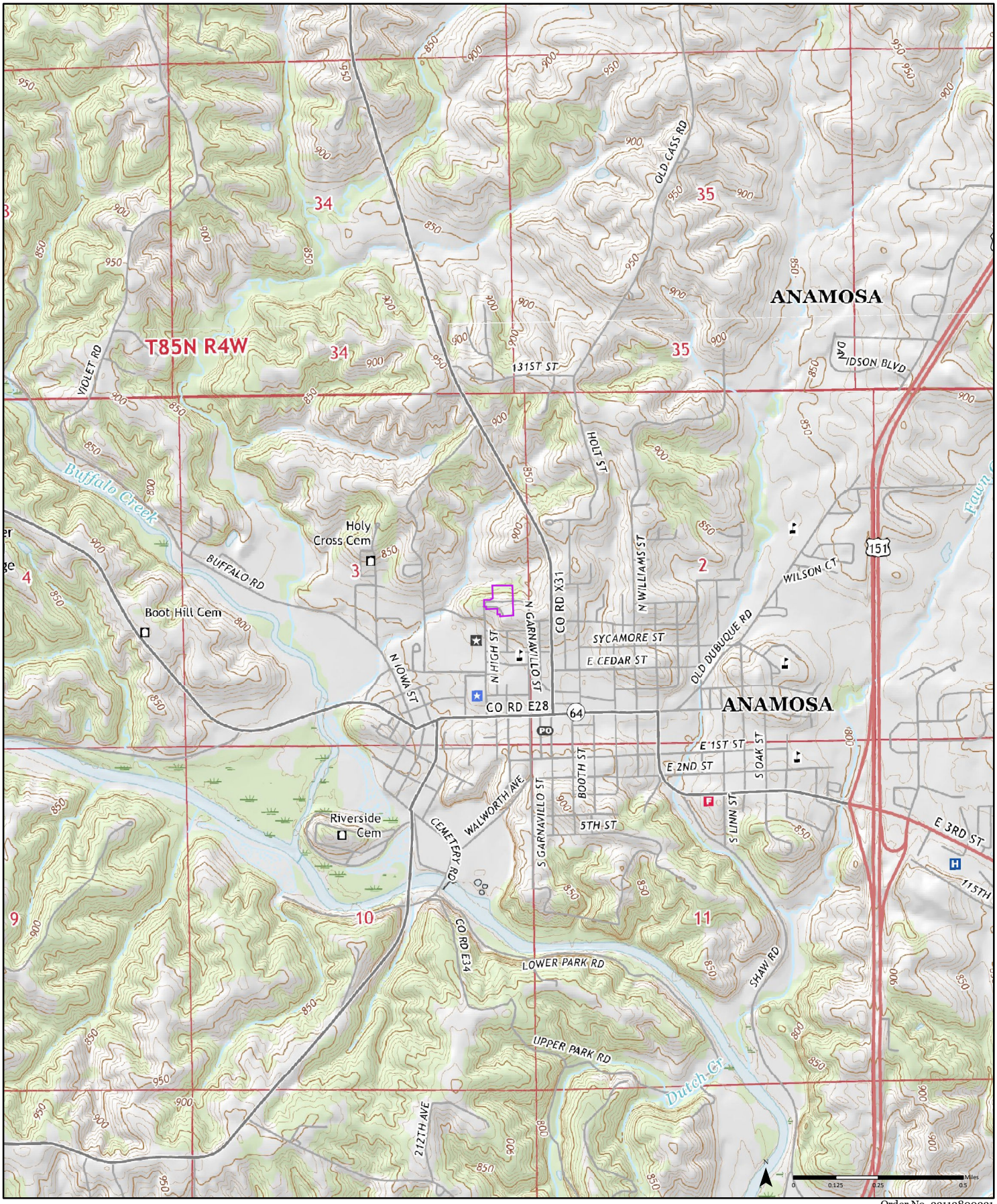
Page 130 of 1928 Topographic Instructions

1947-2009

Topographic Map Symbols

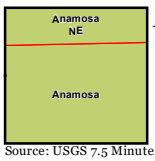
2009-present

US Topo Map Symbols



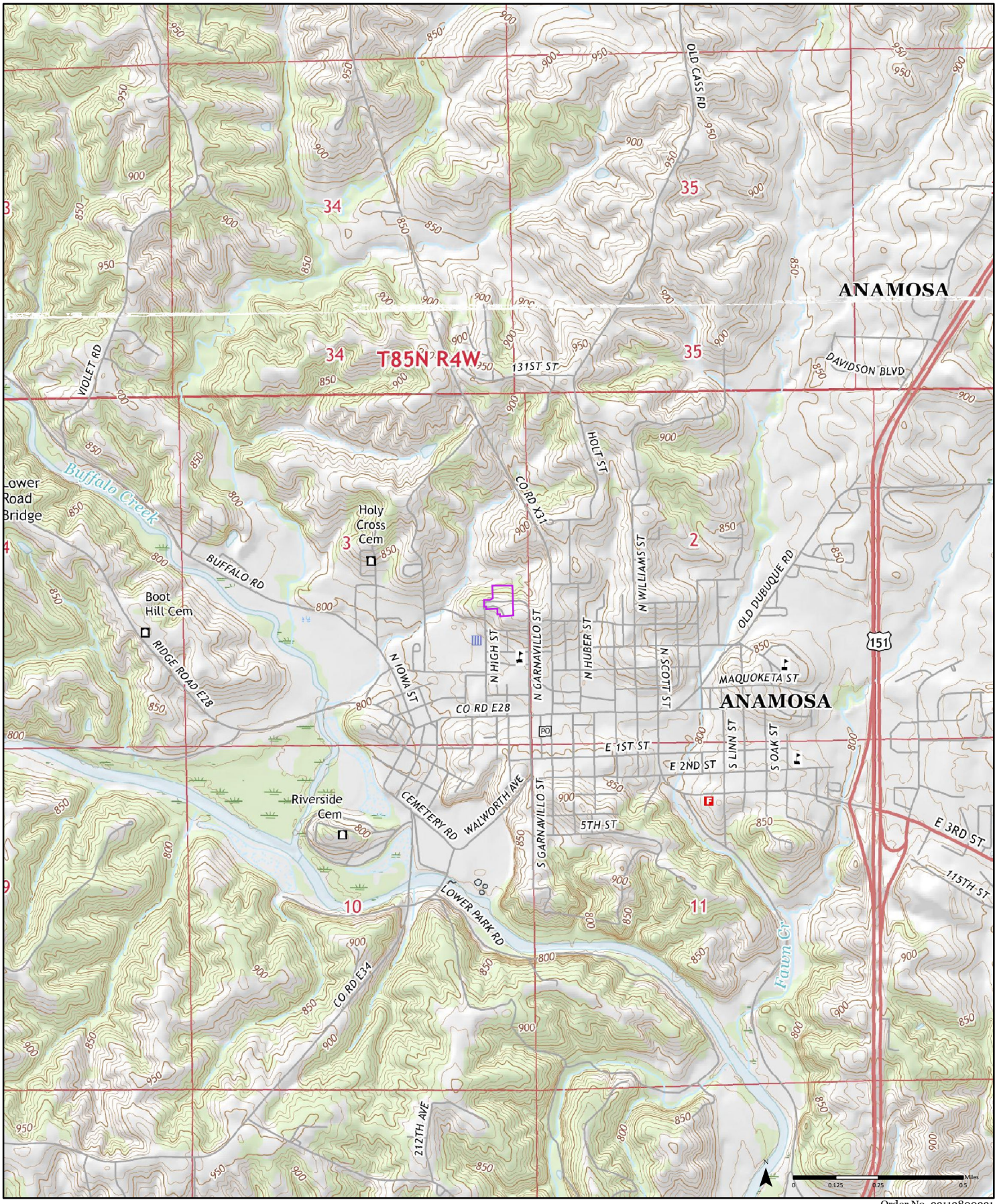
Order No. 23112800231

2018



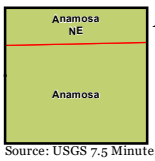
Available Quadrangle(s): Anamosa, IA
Anamosa NE, IA

Source: USGS 7.5 Minute Topographic Map



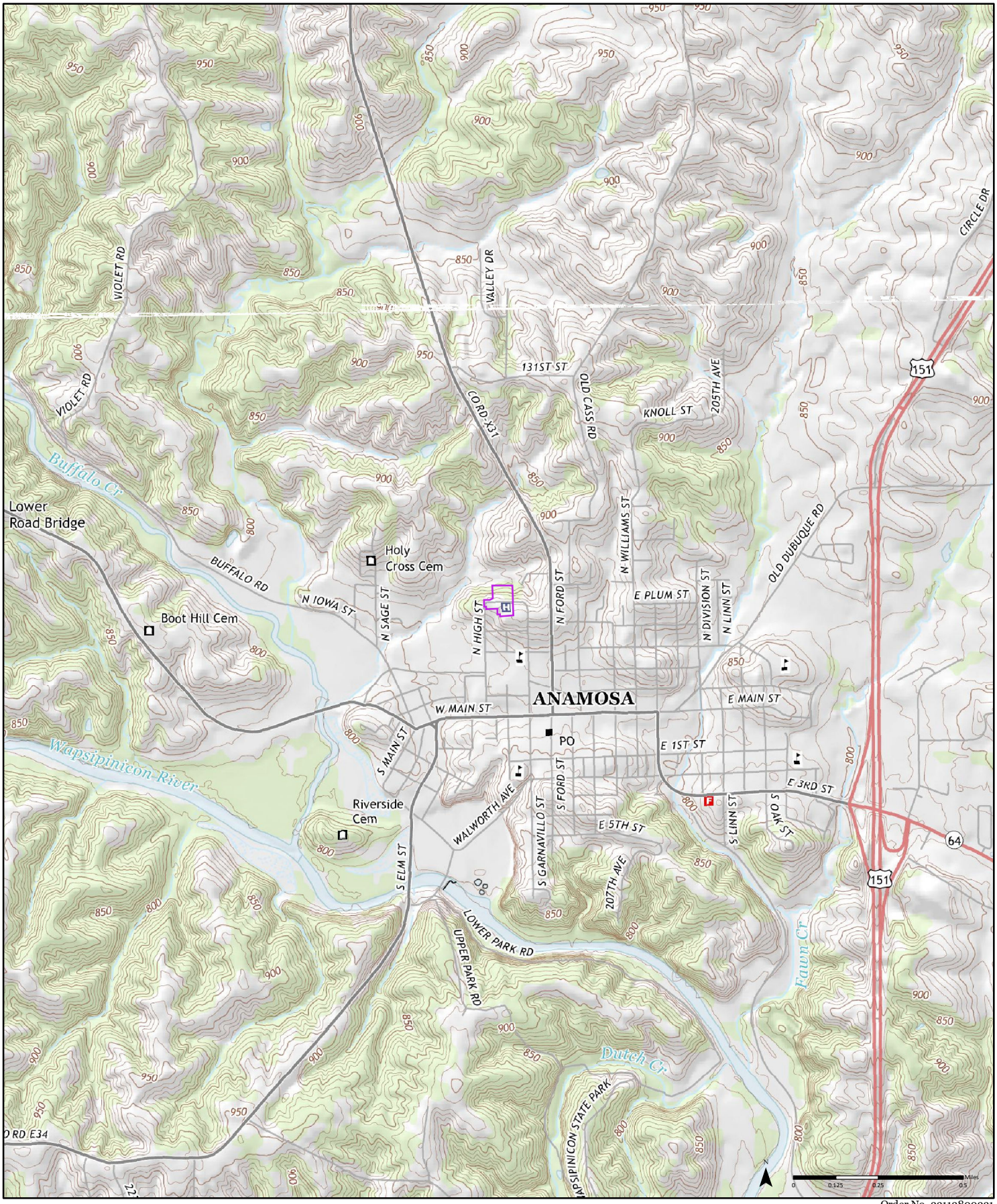
Order No. 23112800231

2015



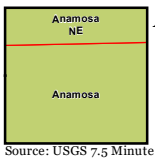
Available Quadrangle(s): Anamosa, IA
Anamosa NE, IA

Source: USGS 7.5 Minute Topographic Map



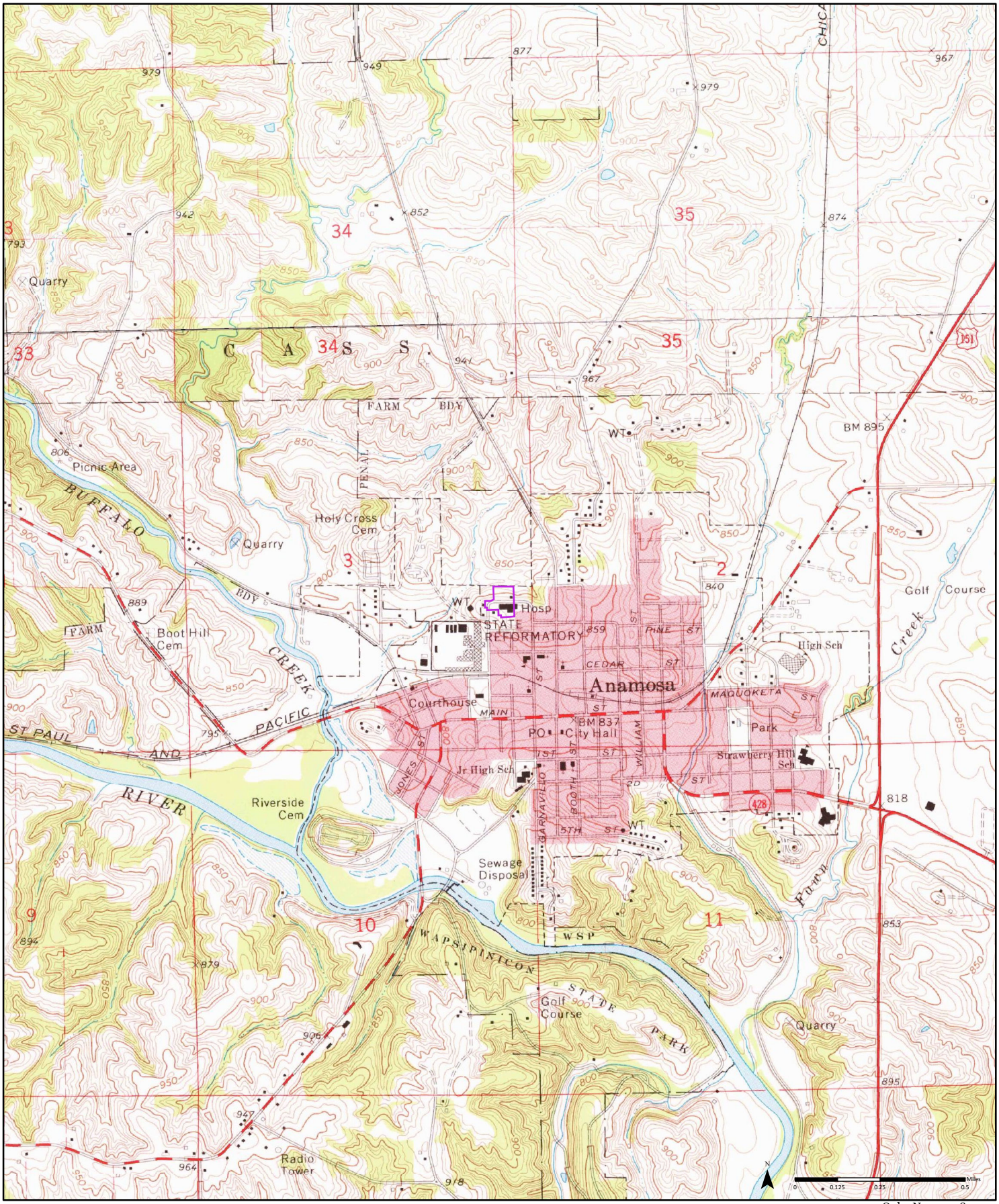
Order No. 23112800231

2013



Available Quadrangle(s): Anamosa, IA
Anamosa NE, IA

Source: USGS 7.5 Minute Topographic Map

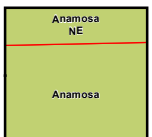


1973

(1-1973) *Aerial Photo Year: 1973*

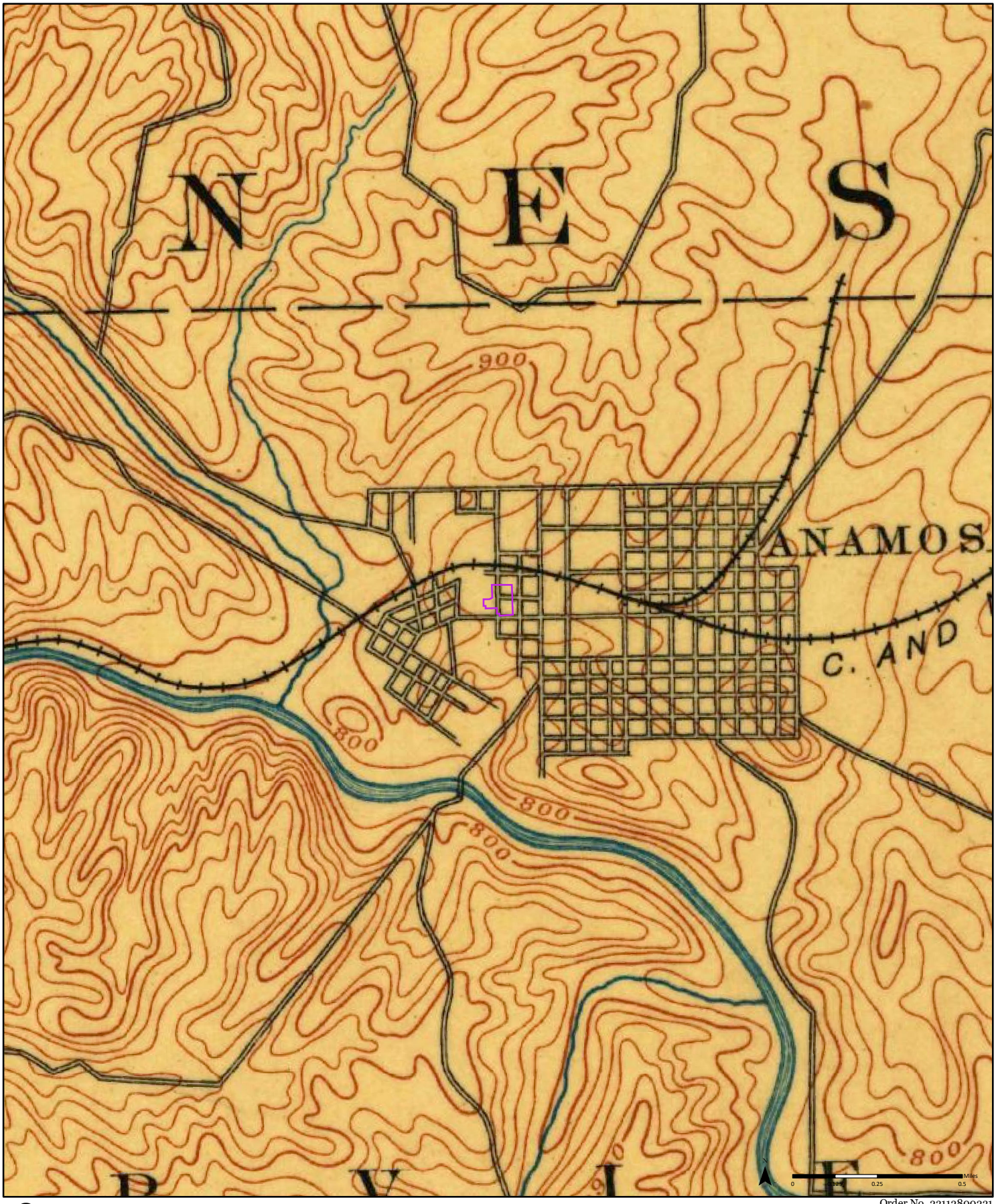
(2-1973) *Aerial Photo Year: 1973*

Order No. 23112800231



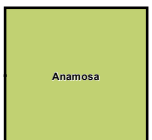
Available Quadrangle(s): Anamosa, IA(1-1973)
Anamosa NE, IA(2-1973)

Source: USGS 7.5 Minute Topographic Map



Order No. 23112800231

1890



Available Quadrangle(s): Anamosa, IA

Source: USGS 15 Minute Topographic Map

APPENDIX C

ENVIRONMENTAL DATABASE REPORT

DATABASE REPORT

Project Property:	*ECIA - Broadway* *104 Broadway Place* *Anamosa IA 52205*
Project No:	*3607*
Report Type:	*Database Report*
Order No:	*23112800231*
Requested by:	*Blackstone Environmental*
Date Completed:	*November 30, 2023*

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Executive Summary

Property Information:

Project Property:		*ECIA - Broadway* *104 Broadway Place Anamosa IA 52205*
Project No:		*3607*
Coordinates:		
	Latitude:	*42.11315872*
	Longitude:	*-91.28827289*
	UTM Northing:	*4,663,758.00*
	UTM Easting:	*641,511.89*
	UTM Zone:	*UTM Zone 15T*
Elevation:		*871 FT*

Order Information:

Order No:	*23112800231*
Date Requested:	*November 28, 2023*
Requested by:	*Blackstone Environmental*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
Chain of Title & Lien Searches	*60-YR Historic Chain of Title with Environmental Lien Search (current owner)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	**1**	0	-	-	**1**
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	0	0	0
DEL SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
CONT	Y	0.5	0	0	0	**1**	-	**1**
SWF/LF	Y	0.5	0	0	0	**1**	-	**1**
LUST	Y	0.5	0	**1**	0	**9**	-	**10**
LAST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	**1**	**2**	0	-	-	**3**
AST	Y	0.25	0	**1**	0	-	-	**1**
SFM AST	Y	0.25	0	**2**	0	-	-	**2**
DELISTED TANK	Y	0.25	0	**2**	0	-	-	**2**
INST	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	**3**	-	-	-	-	**3**
TRIS	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	**1**	0	0	-	**1**
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	**1**	-	-	-	**1**
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	**1**	**1**
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	**1**	0	-	-	**1**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	**1**	-	**1**
State								
SPILLS	Y	0.125	0	**2**	-	-	-	**2**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
AIR PERMITS	Y	0.25	0	**1**	0	-	-	**1**
PFAS	Y	0.5	0	0	0	0	-	0
LIENS	Y	PO	0	-	-	-	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			**4**	**15**	0	**12**	**1**	**32**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	JONES REGIONAL MEDICAL CENTER	104 BROADWAY ANAMOSA IA 52205 ***Registry ID:*** *110011608457*	S	0.00 / 0.00	2	22
1	FINDS/FRS	ANAMOSA COMM HOSP	104 BROADWAY PLACE ANAMOSA IA 522050000 ***Registry ID:*** *110036390795*	S	0.00 / 0.00	2	22
1	FINDS/FRS	ANAMOSA COMMUNITY HOSPITAL	UNKNOWN ANAMOSA IA 00000 ***Registry ID:*** *110041413084*	S	0.00 / 0.00	2	23
1	UST	ANAMOSA COMM HOSP	104 BROADWAY PLACE Anamosa IA 522050000 ***UST ID	Status Desc:*** *10584 | Non-regulated heating oil tanks - active*	S	0.00 / 0.00	2	24

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	NCDL		404 Sales N Anamosa IA	S	0.06 / 333.01	-18	26
3	SPILLS	Handling And Storage Spill	Anamosa IA 52205	SW	0.09 / 493.74	-43	26
			Location ID: 20000269979 ***State Facility ID	OP Status:*** 311587398 | Closed			
4	PFAS IND	ANAMOSA STATE PENITENTIARY	ANAMOSA IA	SSW	0.10 / 539.00	-45	27
5	SPILLS	Anamosa State Penitentiary	406 N HIGH ST Anamosa IA 52205	SSW	0.10 / 550.34	-45	28
			Location ID: 20000178739 ***State Facility ID	OP Status:*** 310648216 | Open			
5	LUST	ANAMOSA STATE PENITENTIARY	406 N HIGH ST Anamosa IA 52205-1157	SSW	0.10 / 550.34	-45	28
			***LUST ID	Leak Status:*** 1590 | Stopped			
5	UST	IPI FARMS	406 N. HIGH Anamosa IA 522050000	SSW	0.10 / 550.34	-45	33
			***UST ID	Status Desc:*** 4288 | Non-regulated Farm/Res <1100 - r/f			
5	UST	ANAMOSA STATE PENITENTIARY	406 N HIGH ST Anamosa IA 52205	SSW	0.10 / 550.34	-45	36
			***UST ID	Status Desc:*** 3577 | Regulated tanks - active			
5	SSTS	IOWA PRISON INDUSTRIES	406 N HIGH STREET - ANAMOSA IA 52205	SSW	0.10 / 550.34	-45	46
			Establishment No: 34657-IA-2				
5	DELISTED TANK	Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	-45	46
5	DELISTED TANK	Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	-45	47
5	RCRA VSQG	IOWA STATE PRISON INDUSTRIES	406 N HIGH ST ANAMOSA IA 52205-1157	SSW	0.10 / 550.34	-45	47
			EPA Handler ID: IAD078092731				
5	SFM AST	Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	-45	59
			Registration No: 21807				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	SFM AST	Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	-45	59
			Registration No: 21807				
5	AIR PERMITS	Anamosa State Penitentiary	406 N HIGH ST IA 52205-0010	SSW	0.10 / 550.34	-45	59
6	AST	Anamosa State Penitentiary(Anamosa)	406 North High St. Anamosa IA 52205-0010	SSW	0.10 / 552.87	-45	60
			AST ID | Status | Status Start Dt: 14097 | Regulated tanks - active | 2011-11-29 15:43: 11.210000000				
7	PCB	MAQUOKETA VLY REC	109 N HUBER ST ANAMOSA IA 52205	SE	0.28 / 1,501.00	-42	63
			Site ID: IAD006940332				
8	LUST	REDS SALES & SERV	600 WEST MAIN ST Anamosa IA 522050000	SSW	0.31 / 1,632.52	-64	63
			LUST ID | Leak Status: 4169 | Unknown				
9	LUST	CASEY'S GENERAL STORE	626 W MAIN Anamosa IA 522050000	SSW	0.32 / 1,683.27	-68	68
			LUST ID | Leak Status: 3043 | Unknown				
10	LUST	FORMER TAPKEN'S CONVENIENCE STORE	619 W MAIN Anamosa IA 522050000	SSW	0.32 / 1,693.36	-68	74
			LUST ID | Leak Status: 4891 |				
11	LUST	VERNON'S CONOCO	220 E MAIN Anamosa IA 522050000	SE	0.37 / 1,961.20	-45	83
			LUST ID | Leak Status: 4974 |				
12	LUST	RED'S TOWING	301 E MAIN STREET Anamosa IA 522020000	SE	0.38 / 2,026.64	-45	92
			LUST ID | Leak Status: 6367 |				
13	LUST	BRADYS SERVICE STATION	401 E MAIN ST Anamosa IA 522050000	SE	0.43 / 2,285.45	-47	97
			LUST ID | Leak Status: 4622 | Unknown				
14	CONT	Anamosa Public Library	100 East 1st Street Anamosa IA 52205	SSE	0.43 / 2,296.51	-21	101
15	SWF/LF	Anamosa State Penitentiary Composting Facility	13100 County Road X31 Anamosa IA 52205	N	0.45 / 2,357.55	25	101
16	LUST	CASEY'S GENERAL STORE 2690	500 E MAIN ST Anamosa IA 52205	ESE	0.48 / 2,519.08	-49	102
			LUST ID | Leak Status: 5889 | Stopped				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	LUST	CASEY'S GENERAL STORE 2690	500 E MAIN ST Anamosa IA 52205 ***LUST ID | Leak Status:*** 6642 |	ESE	0.48 / 2,519.08	-49	107
17	LUST	WEST MIDDLE SCHOOL ANAMOSA COMM SCHOOL	S GARNAVILLO ST Anamosa IA 522050000 ***LUST ID | Leak Status:*** 3174 | Stopped	S	0.49 / 2,608.61	-12	111
18	MRDS	CHAS ZIMMER QUARRY	JONES COUNTY ANAMOSA IA 52205 ***Dep ID:*** 10242846	W	0.75 / 3,974.94	-75	115

Executive Summary: Summary by Data Source

Standard

Federal

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jul 10, 2023 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
IOWA STATE PRISON INDUSTRIES	406 N HIGH ST ANAMOSA IA 52205-1157	SSW	0.10 / 550.34	5
	***EPA Handler ID**: IAD078092731*			

State

CONT - Contaminated Sites in Iowa

A search of the CONT database, dated Oct 24, 2023 has found that there are 1 CONT site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa Public Library	100 East 1st Street Anamosa IA 52205	SSE	0.43 / 2,296.51	14

SWF/LF - Solid Waste Management Facilities with Permits by the Iowa DNR

A search of the SWF/LF database, dated Sep 15, 2022 has found that there are 1 SWF/LF site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa State Penitentiary Composting Facility	13100 County Road X31 Anamosa IA 52205	N	0.45 / 2,357.55	15

LUST - Leaking Underground Storage Tank Sites in Iowa

A search of the LUST database, dated Jul 5, 2023 has found that there are 10 LUST site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANAMOSA STATE PENITENTIARY	406 N HIGH ST Anamosa IA 52205-1157	SSW	0.10 / 550.34	5
	***LUST ID**	**Leak Status**: 1590	Stopped*		
REDS SALES & SERV	600 WEST MAIN ST Anamosa IA 522050000	SSW	0.31 / 1,632.52	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	LUST ID* | *Leak Status: *4169* | *Unknown*			
CASEY'S GENERAL STORE	626 W MAIN Anamosa IA 522050000	SSW	0.32 / 1,683.27	9
	LUST ID* | *Leak Status: *3043* | *Unknown*			
FORMER TAPKEN'S CONVENIENCE STORE	619 W MAIN Anamosa IA 522050000	SSW	0.32 / 1,693.36	10
	LUST ID* | *Leak Status: *4891* |			
VERNON'S CONOCO	220 E MAIN Anamosa IA 522050000	SE	0.37 / 1,961.20	11
	LUST ID* | *Leak Status: *4974* |			
RED'S TOWING	301 E MAIN STREET Anamosa IA 522020000	SE	0.38 / 2,026.64	12
	LUST ID* | *Leak Status: *6367* |			
BRADYS SERVICE STATION	401 E MAIN ST Anamosa IA 522050000	SE	0.43 / 2,285.45	13
	LUST ID* | *Leak Status: *4622* | *Unknown*			
CASEY'S GENERAL STORE 2690	500 E MAIN ST Anamosa IA 52205	ESE	0.48 / 2,519.08	16
	LUST ID* | *Leak Status: *6642* |			
CASEY'S GENERAL STORE 2690	500 E MAIN ST Anamosa IA 52205	ESE	0.48 / 2,519.08	16
	LUST ID* | *Leak Status: *5889* | *Stopped*			
WEST MIDDLE SCHOOL ANAMOSA COMM SCHOOL	S GARNAVILLO ST Anamosa IA 522050000	S	0.49 / 2,608.61	17
	LUST ID* | *Leak Status: *3174* | *Stopped*			

UST - Underground Storage Tanks in Iowa

A search of the UST database, dated Jul 5, 2023 has found that there are 3 UST site(s) within approximately 0.25miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANAMOSA COMM HOSP	104 BROADWAY PLACE Anamosa IA 522050000	S	0.00 / 0.00	1
	UST ID* | *Status Desc: *10584* | *Non-regulated heating oil tanks - active*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
IPI FARMS	406 N. HIGH Anamosa IA 522050000	SSW	0.10 / 550.34	5
	UST ID* | *Status Desc: *4288* | *Non-regulated Farm/Res <1100 - r/f*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANAMOSA STATE PENITENTIARY	406 N HIGH ST Anamosa IA 52205	SSW	0.10 / 550.34	5
	***UST ID	Status Desc**: 3577	Regulated tanks - active*		

AST - Aboveground Storage Tanks

A search of the AST database, dated Oct 26, 2017 has found that there are 1 AST site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa State Penitentiary (Anamosa)	406 North High St. Anamosa IA 52205-0010	SSW	0.10 / 552.87	6
	***AST ID	Status	Status Start Dt**: 14097	Regulated tanks - active	2011-11-29 15:43:11.210000000*		

SFM AST - Aboveground Storage Tanks (State Fire Marshal)

A search of the SFM AST database, dated Nov 1, 2023 has found that there are 2 SFM AST site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	5
	***Registration No**: 21807*			
Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	5
	***Registration No**: 21807*			

DELISTED TANK - Delisted Storage Tanks

A search of the DELISTED TANK database, dated Nov 1, 2023 has found that there are 2 DELISTED TANK site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	5
Anamosa State Penitentiary - Tanks	406 North High St-Anamosa IA	SSW	0.10 / 550.34	5

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Sep 8, 2023 has found that there are 3 FINDS/FRS site(s) within approximately 0.02miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
JONES REGIONAL MEDICAL CENTER	104 BROADWAY ANAMOSA IA 52205 ***Registry ID**: 110011608457*	S	0.00 / 0.00	1
ANAMOSA COMM HOSP	104 BROADWAY PLACE ANAMOSA IA 522050000 ***Registry ID**: 110036390795*	S	0.00 / 0.00	1
ANAMOSA COMMUNITY HOSPITAL	UNKNOWN ANAMOSA IA 00000 ***Registry ID**: 110041413084*	S	0.00 / 0.00	1

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Apr 16, 2023 has found that there are 1 PFAS IND site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANAMOSA STATE PENITENTIARY	ANAMOSA IA	SSW	0.10 / 539.00	4

NCDL - National Clandestine Drug Labs

A search of the NCDL database, dated Jul 26, 2023 has found that there are 1 NCDL site(s) within approximately 0.12miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	404 Sales N Anamosa IA	S	0.06 / 333.01	2

MRDS - Mineral Resource Data System

A search of the MRDS database, dated Mar 15, 2016 has found that there are 1 MRDS site(s) within approximately 1.00miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHAS ZIMMER QUARRY	JONES COUNTY ANAMOSA IA 52205 ***Dep ID**: 10242846*	W	0.75 / 3,974.94	18

SSTS - Registered Pesticide Establishments

A search of the SSTS database, dated Mar 1, 2023 has found that there are 1 SSTS site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
IOWA PRISON INDUSTRIES	406 N HIGH STREET - ANAMOSA IA 52205 ***Establishment No**: 34657-IA-2*	SSW	0.10 / 550.34	5

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Mar 20, 2023 has found that there are 1 PCB site(s) within approximately 0.50miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAQUOKETA VLY REC	109 N HUBER ST ANAMOSA IA 52205 ***Site ID**: IAD006940332*	SE	0.28 / 1,501.00	7

State

SPILLS - Spill incidents reported to Iowa DNR and tracked in the Hazardous Substance Incident database

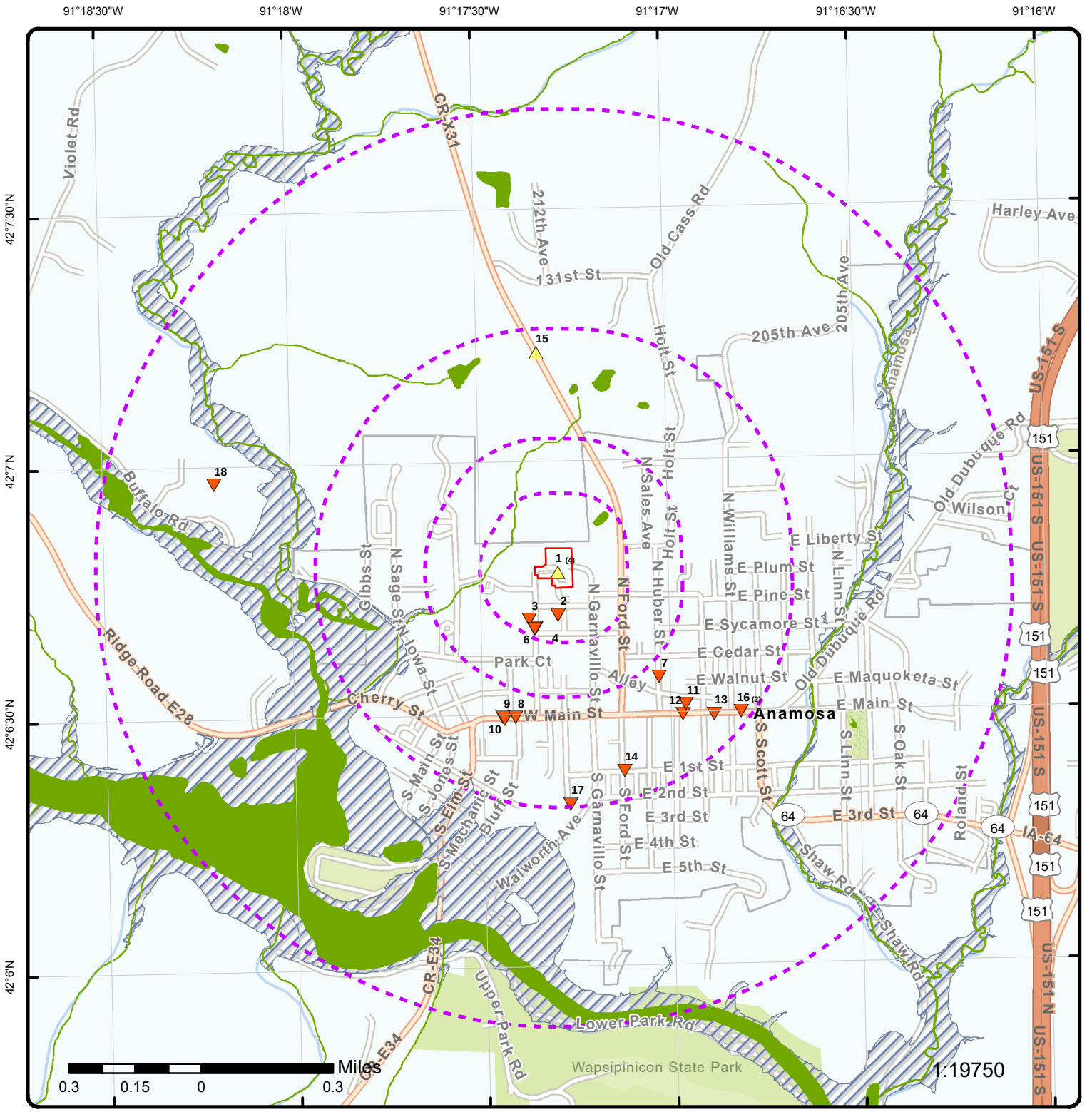
A search of the SPILLS database, dated Oct 25, 2023 has found that there are 2 SPILLS site(s) within approximately 0.12miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Handling And Storage Spill	Anamosa IA 52205 ***Location ID**: 20000269979* ***State Facility ID | OP Status**: 311587398 | Closed*	SW	0.09 / 493.74	3
Anamosa State Penitentiary	406 N HIGH ST Anamosa IA 52205 ***Location ID**: 20000178739* ***State Facility ID | OP Status**: 310648216 | Open*	SSW	0.10 / 550.34	5

AIR PERMITS - Air Permitted Facilities

A search of the AIR PERMITS database, dated Sep 15, 2023 has found that there are 1 AIR PERMITS site(s) within approximately 0.25miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Anamosa State Penitentiary	406 N HIGH ST IA 52205-0010	SSW	0.10 / 550.34	5



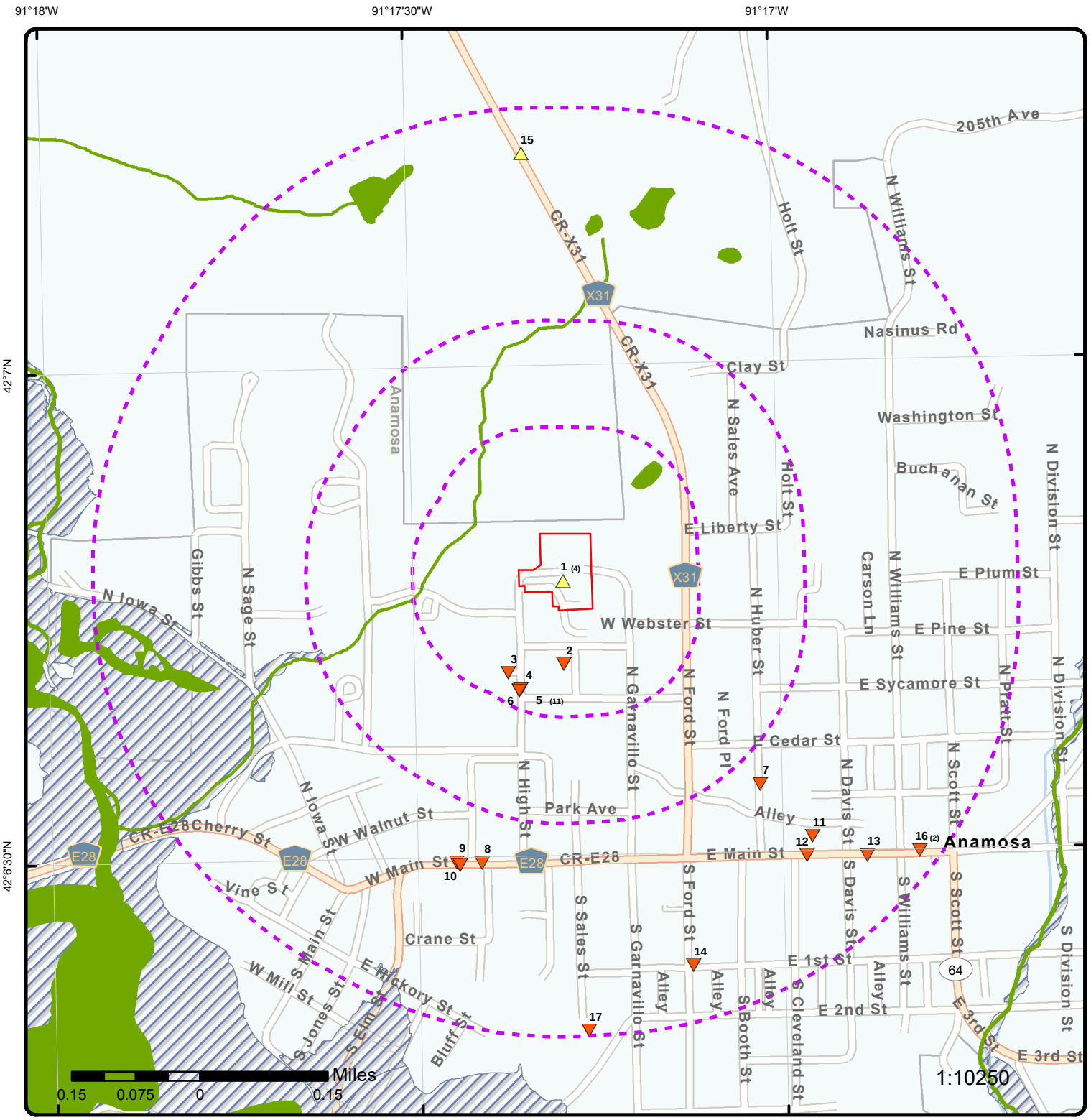
Map: 1.0 Mile Radius

Order Number: 23112800231

Address: 104 Broadway Place, Anamosa, IA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

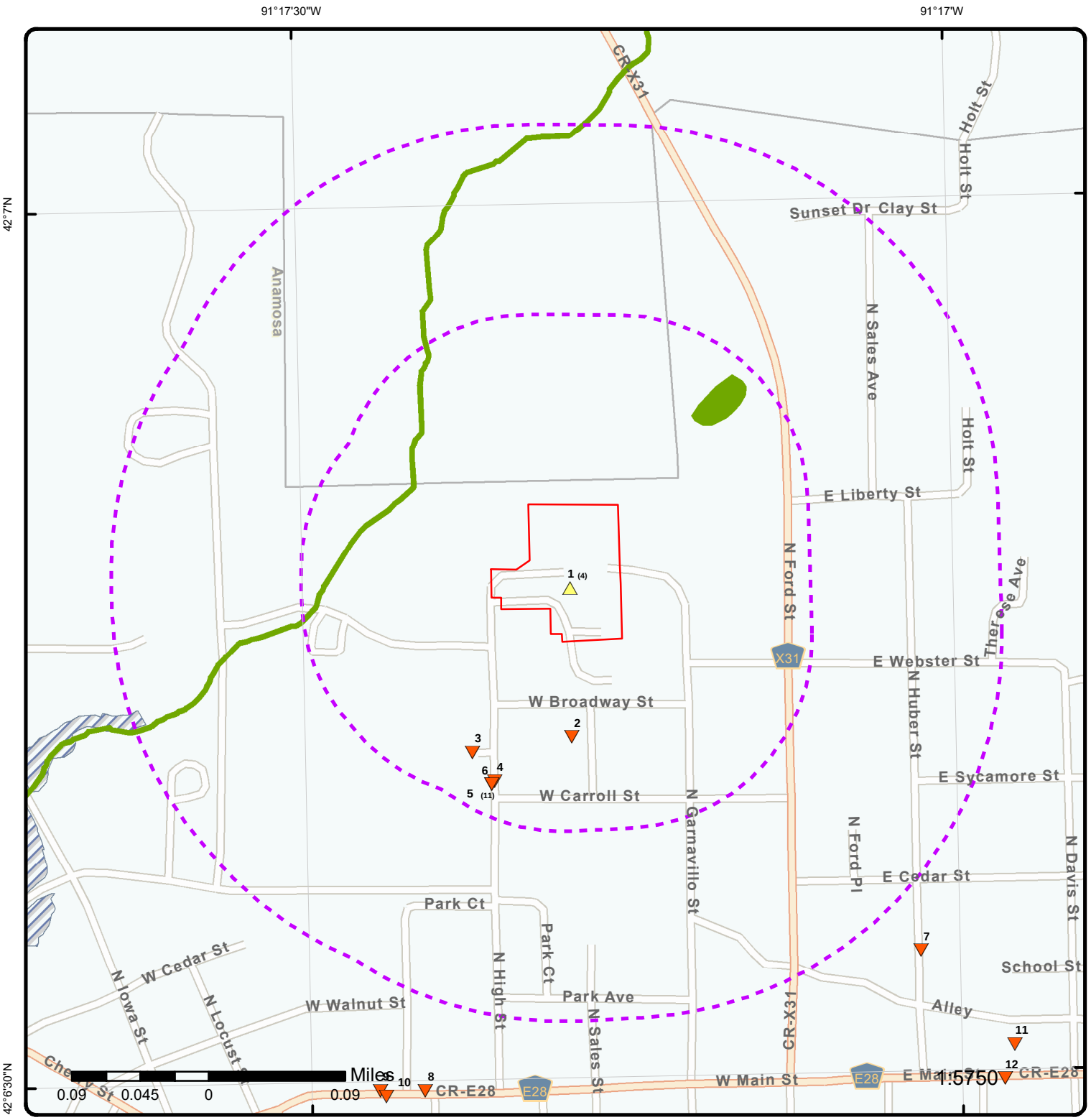


Map: 0.5 Mile Radius

Order Number: 23112800231

Address: 104 Broadway Place, Anamosa, IA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



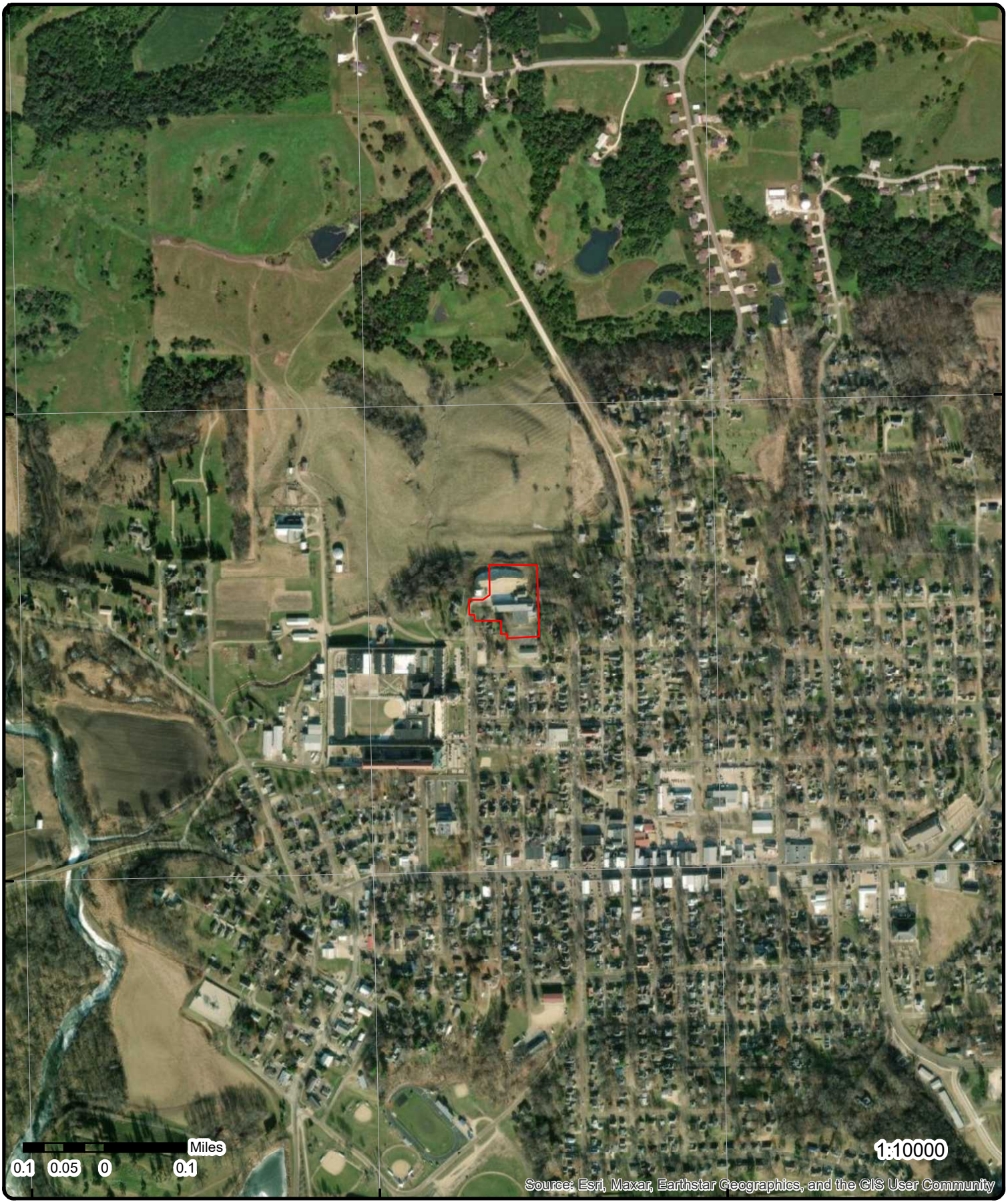
Map: 0.25 Mile Radius

Order Number: 23112800231

Address: 104 Broadway Place, Anamosa, IA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium



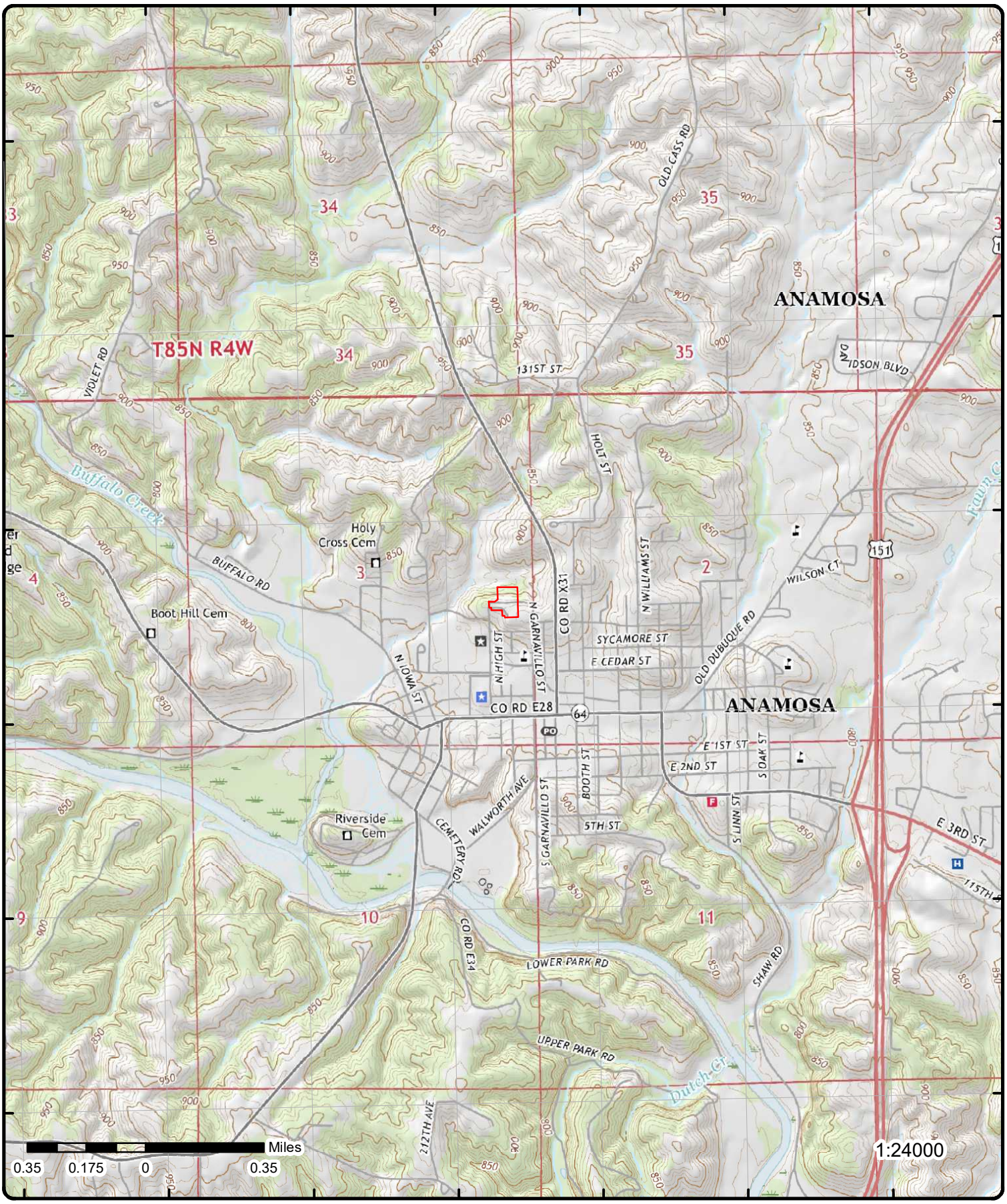
Aerial **Year: 2019**

Address: 104 Broadway Place, Anamosa, IA

Source: ESRI World Imagery

Order Number: 23112800231

ERIS



Topographic Map

Year: 2018

Order Number: 23112800231

Address: 104 Broadway Place, IA

Quadrangle(s): Anamosa NE IA, Morley IA, Anamosa IA

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 4	S	0.00 / 0.00	872.72 / 2	JONES REGIONAL MEDICAL CENTER 104 BROADWAY ANAMOSA IA 52205	FINDS/FRS

Registry ID:	110011608457
FIPS Code:	
HUC Code:	07080102
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	01-MAR-00
Update Date:	29-DEC-14
Interest Types:	COMPLIANCE ACTIVITY
SIC Codes:	9990
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	01
Census Block Code:	191050703002014
EPA Region Code:	07
County Name:	JONES
US/Mexico Border Ind:	
Latitude:	42.11315
Longitude:	-91.28835
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110011608457
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

NCDB:I07#20010223IA011 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 4	S	0.00 / 0.00	872.72 / 2	ANAMOSA COMM HOSP 104 BROADWAY PLACE ANAMOSA IA 522050000	FINDS/FRS

Registry ID:	110036390795
FIPS Code:	19105
HUC Code:	07080102
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	19-JUN-08
Update Date:	07-JUL-11
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 01
Census Block Code: 191050703002014
EPA Region Code: 07
County Name: JONES
US/Mexico Border Ind:
Latitude: 42.11315
Longitude: -91.28835
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110036390795
Data Source: Facility Registry Service - Single File
Program Acronyms:

IDNR_EFD:310604734

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 4	S	0.00 / 0.00	872.72 / 2	ANAMOSA COMMUNITY HOSPITAL UNKNOWN ANAMOSA IA 00000	FINDS/FRS

Registry ID: 110041413084
FIPS Code: 19105
HUC Code: 07080103
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 06-JUL-10
Update Date: 01-JUN-17
Interest Types: AIR MINOR
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: EIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 01
Census Block Code: 191050703002021
EPA Region Code: 07
County Name: JONES
US/Mexico Border Ind:
Latitude: 42.1128
Longitude: -91.2882
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110041413084
Data Source: Facility Registry Service - Single File
Program Acronyms:

EIS:12511411

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	4 of 4	S	0.00 / 0.00	872.72 / 2	ANAMOSA COMM HOSP 104 BROADWAY PLACE Anamosa IA 522050000	UST

UST ID : 10584
Registration No: 198710721
Op Status: Non-Reg Heating-Actv
Last Inspec:
Last Leak No:
Status Start: 565488000000
Status Desc: Non-regulated heating oil tanks - active
UST Name : ANAMOSA COMM HOSP
Address: 104 BROADWAY PLACE
Address 2:
City: Anamosa
ZIP: 522050000
County: Jones
Fac Name (Map): Anamosa Comm Hosp
Loc Address (Map): 104 BROADWAY PLACE
City Name (Map): Anamosa
Loc ZIP (Map): 52205
County (Map): Jones
Name (Web): ANAMOSA COMM HOSP
Address (Web): 104 BROADWAY PLACE
City (Web): Anamosa
ZIP (Web): 522050000
Loc Supplement (Map):
Loc Supplem (Search Result):
Source: DNR - UST Database; Iowa Open Spatial Data - Underground Storage Tanks; Iowa DNR Storage Tanks Search Results

No of LUST: 0
Latitude: 42.11286
Longitude: -91.28730
Latitude (Map): 42.11286
Longitude (Map): -91.2873

Tank Details

Tank ID: 31205
Brand:
Type: Other
In Use: -1
Installation Details:

Filled in Place:
Identify Inert Material:
Construction Material: Steel

Tank - Dates

Date: 01-Jul-1965 00:00:00
Description: tank installed

Tank - Compartments

Compartment ID: 31636
Install Date: 01-Jul-1965 00:00:00

Contents: Other
Capacity: 8000

Tank - Compartments Details

Inspection ID:
Primary Method:
ATG Model:
Spill Protection:
Spill Bucket Size:
Bucket Liq Tight:
Bucket Functional:
Bucket Dry and Clean:
Pipe Transition Sumps Present:
Internal Protection Line Date:

Spl Device Passes:
VR Last Test:
Pipe Brand:
Pipe Type:
Pipe Construction:
Piping Date:
Re-Piping Date:

Internal Protection Desc:
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd:
Spill Notes:

Affiliation Information

Aff ID:	16427	***Aff Start Date:***	
Ind ID:		***Aff End Date:***	
Org ID:	10332	***Aff to UST ID:***	21742
Type:	Site Owner	***Undeliverable?:***	0
Org Duns:			
Name:			
Org Name:	ANAMOSA HOSP		
Mail Address:	104 BROADWAY PLACE		
Mail Address 2:			
Mail City:	ANAMOSA		
Mail State:	IA		
Mail Zip:	522050000		

Aff ID:	57058	***Aff Start Date:***	
Ind ID:		***Aff End Date:***	
Org ID:	32814	***Aff to UST ID:***	48139
Type:	Site	***Undeliverable?:***	0
Org Duns:			
Name:			
Org Name:	ANAMOSA COMM HOSP		
Mail Address:	104 BROADWAY PLACE		
Mail Address 2:			
Mail City:	Anamosa		
Mail State:	IA		
Mail Zip:	522050000		

Aff ID:	16428	***Aff Start Date:***	
Ind ID:	13862	***Aff End Date:***	
Org ID:		***Aff to UST ID:***	21743
Type:	Site Contact	***Undeliverable?:***	
Org Duns:			
Name:	GLEN HANSEL		
Org Name:			
Mail Address:			
Mail Address 2:			
Mail City:			
Mail State:			
Mail Zip:			

Facility Details

Policy No:		***Scale:***	
Watershed HUC:	070801020906	***Collection Date:***	18-Feb-2003 00:00:00
Owner Type:	Private/Corporate	***Collected by:***	ckahle
Related AST:		***Geom Type:***	Point
Insurance Start Dt:		***Datum:***	NAD83
Insurance Exp Dt:		***X Coord:***	641593
Registra Sign Dt:	03-Dec-1987 00:00:00	***Y Coord:***	4663726
Derived Address:		***Township:***	
Staffing:		***Tier:***	
Congress Dist:	1	***Range :***	
St House Dist:	031	***Range Dir:***	
St Senate Dist:	16	***Section:***	
Field Office (FO):	1	***UTM Zone:***	15
FO Address:	909 West Main Suite #4	***Accuracy:***	100
FO Address 2:		***Vert Measure:***	
FO City:	Manchester	***V Datum:***	
FO State:	IA	***V Collection Mthd:***	
FO Zip:	52057	***V Accuracy:***	
FO Phone:	(563) 927-2640	***Method:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

FO Fax: (563) 927-2075
Supplemental Loc:
Reference Point: Plant entrance (general)
Refer Point Desc:
Insurers Name:
Delivery Prohibitn Start Dt:
Delivery Prohibition End Dt:
Sites with Pressurized Dlvry:
NESHAP Fac Throughput:
Collection Method: Census block–1990-centroid
Verified:
Verify Desc:
Comment:

Facility Details (Open Data)

ST Fac ID:	310604734	**Accuracy:**	100
Loc ID:	20000165501	**Reference Point:**	PLANT ENTRANCE (GENERAL)
Unique ID:	14638	**Collected By:**	ckahle
HUC:	070801020906	**Collection Date:**	1045526400000
Field Office (FO):	1	**Range :**	
Legend Type:	18	**Range Dir:**	
Public View:	1	**Section:**	
Tier:		**X:**	-91.28729996515357
Congress:	1	**Y:**	42.112856015646116
St House:	031	**X Coord:**	641593
St Senate:	16	**Y Coord:**	4663726

Collection Method: CENSUS BLOCK 1990-CENTROID
Map Label Name: Anamosa Comm Hosp
Supplemental Loc:
Verified:
Comment:
Status Start Dt: 1987-12-03 24:00:00 UTC
Last Inspec Dt: 1970-01-01 24:00:00 UTC
Col Date Dt: 2003-02-18 24:00:00 UTC
Hyperlink:

DNR UST Search Result

Leak No:
Leak Classification: Not Classified
DC:

2	*1 of1*	*S*	*0.06 / 333.01*	*852.45 / -18*	***404 Sales N Anamosa IA***	***NCDL***

Date: 2004-07-20
County: Jones

3	*1 of1*	*SW*	*0.09 / 493.74*	*827.68 / -43*	***Handling And Storage Spill Anamosa IA 52205***	***SPILLS***

Location ID:	20000269979	**County Name:**	Jones
Accuracy:	20	**Latitude:**	42.11145
Congress:	1	**Longitude:**	-91.28956
St House:	031	**X Coordinate:**	641409
St Senate:	16	**Y Coordinate:**	4663566

Spill Detail(s)

State Facility ID: 311587398 **Fish Kill:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program ID:	102704-DAH-0930	**Range :**	04
Unique ID:	8001	**Range Direction:**	
HUC:	070801020906	**Section No:**	3
OP Status:	Closed	**Quarter Sec:**	
Status Start Date:	10/27/2004, 4:30 AM	**Legend Type:**	40
At Facility:	Yes	**Public View:**	Yes
Tier:	4	**Collect by:**	zsquires
Mode :	Handling And Storage	**Collect Date:**	9/20/2006, 7:00 PM
Land:	Yes	**Ref Pnt Txt:**	PLANT ENTRANCE (GENERAL)
Ground Water:	No	**X:**	-91.28956339536381
Surface Water:	No	**Y:**	42.111448813345966
Air:	No	**Responsible Party:**	Iowa Prison Industries
Manure Source:		**Type:**	Divervalk
Manure Type:		**Map Label Name:**	Handling And Storage Spill
Manure Cause:		**Col Mth Txt:**	INTERPOLATION-PHOTO
Follow Up:		**Verify Txt:**	
FO:	1	**Coldate Dt:**	2006-09-21 24:00:00 UTC
Water Body Name:		**Statusstart Dt:**	2004-10-27 09:30:00 UTC
Water Body Size:			

Event: A fork lift hit a bulk tote of this chemical. It **Note: data in the [Event] field for many records is truncated from the source.

Location Comment:

Location Supplement: Anamosa Penitentiary - Prison Industries facility **Note: data in the [Location Supplement] field for many records is truncated from the source.

Hyper Link: https://programs.iowadnr.gov/hazardousspills/GeneralInformation.aspx?SpillID=8842

Materials:

Material,Amount,Unit|Divervalk,250,gal

4	1 of1	SSW	0.10 / 539.00	825.91 / -45	ANAMOSA STATE PENITENTIARY ANAMOSA IA	PFAS IND

Status:	Active	**Fac Fips Code:**	19105
Industry:	Metal Coating	**Fac Indian Cntry Flg:**	N
Compliance Status:	Violation Identified	**Fac Derived Huc:**	07080102
EPA Programs:	CAA; RCRA	**Fac Derived Wbd:**	070801020906
Federal Facility:	No	**Fac Derived Cd113:**	01
Federal Agency:	-	**Fac Derived Cb2010:**	191050703002020
Fac Snc Flg:	N	**Fac Informal Count:**	4
AIR Flag:	Y	**Last Informal Action:**	10/26/2022
NPDES Flag:	N	**Formal Action Count:**	0
SDWIS Flag:	Y	**Last Formal Action:**	2/1/2010
RCRAFlag:	Y	**Fac Total Penalties:**	0
TRI Flag:	N	**Fac Penalty Count:**	-
GHG Flag:	N	**Date Last Penalty:**	2/1/2010
TRI IDs:	-	**Last Penalty Amt:**	700
TRI Releases Trnsfrs:	-	**Fac Qtrs With Nc:**	3
TRI on Site Releases:	-	**Programs With Snc:**	0
TRI off Site Trnsfrs:	-	**Fac Percent Minority:**	8.996
TRI Reporter:	-	**Fac Pop Den:**	245.28
Fac Imp Water Flg:	-	**Count:**	1
Fac Major Flag:	-	**Fac County:**	JONES
Fac Active Flag:	Y	**State Other :**	
Fac Inspection Count:	2	**Region:**	07
Date Last Inspection:	10/24/2022	**Latitude:**	42.111172
Days Last Inspection:	173	**Longitude:**	-91.289285

Fac Derived Tribes: -

AIR IDs: IA0000001910500018 IA00000019105C0002

CAA Permit Types: Minor Emissions, Synthetic Minor Emissions

CAA NAICS: 922140

CAA SICS: 9223 3479 4911

NPDES IDs: -

CWA Permit Types: -

CWA NAICS: -

CWA SICS: -

RCRA IDs: IAD078092731

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RCRA Permit Types: VSQG
RCRA NAICS: 32311 92214 33712 33995
SDWA IDs: IA5300947
SDWA System Types: Community water system
SDWA Compliance Status: No Violation Identified
SDWA Snc Flag: N
Fac Collection Meth: GPS CODE (PSEUDO RANGE) DIFFERENTIAL
EJSCREEN Flag Us: N
EJSCREEN Report: https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-91.289285,%22y%22:42.111172,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110018865806

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary 406 N HIGH ST Anamosa IA 52205	SPILLS

Location ID: 20000178739
Accuracy: 20
Congress: 01
St House: 031
St Senate: 16
County Name: Jones
Latitude: 42.1114
Longitude: -91.29281
X Coordinate: 641141
Y Coordinate: 4663555

Spill Detail(s)

State Facility ID: 310648216
Program ID: 110713-RPM-1712
Unique ID: 10776
HUC: 070801020906
OP Status: Open
Status Start Date: 11/7/2013, 12:12 PM
At Facility: Yes
Tier: 84
Mode : Handling And Storage
Land: Yes
Ground Water: No
Surface Water: No
Air: Yes
Manure Source:
Manure Type:
Manure Cause:
Follow Up:
FO: 1
Water Body Name:
Water Body Size:
Fish Kill:
Range : 04
Range Direction: W
Section No: 3
Quarter Sec:
Legend Type: 7
Public View: Yes
Collect by: mark.las
Collect Date: 8/1/2011, 8:58 AM
Ref Pnt Txt: ADMINISTRATIVE BUILDING
X: -91.29280629908827
Y: 42.11139805260081
Responsible Party: Anamosa State Penitentiary
Type: Mercury
Map Label Name: Anamosa State Penitentiary
Col Mth Txt: INTERPOLATION-PHOTO
Verify Txt: POINT IN POLYGON (COUNTY)
Coldate Dt: 2011-08-01 13:58:19 UTC
Statusstart Dt: 2013-11-07 17:12:00 UTC
Event: During the demolition of a boiler at the facility, **Note: data in the [Event] field for many records is truncated from the source.
Location Comment:
Location Supplement:
Hyper Link: https://programs.iowadnr.gov/hazardousspills/GeneralInformation.aspx?SpillID=26701
Materials:

Material,Amount,Unit|Mercury,24,oz

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	2 of11	SSW	0.10 / 550.34	825.91 / -45	ANAMOSA STATE PENITENTIARY 406 N HIGH ST Anamosa IA 52205-1157	LUST

LUST ID: 1590
Leak No: 8LTU69
Registration: 198603076
No of LUSTs: 1
Spill No:
Spill Date:
LUST Status: No Action Required
Leak Status: Stopped
Op Status: Reg Tanks-Active
Status Start: 509760000000
Latitude: 42.11074
Longitude: -91.28982

UST Name :	ANAMOSA STATE PENITENTIARY
Address 1 :	406 N HIGH ST
Address 2 :	
City:	Anamosa
Zip:	52205-1157
County:	Jones
Loc Supplement:	
Fac Name (Map):	Anamosa State Penitentiary
Loc Address (Map):	406 N HIGH ST
City Name (Map):	Anamosa
Loc Zip (Map):	52205
County Name (Map):	Jones
Loc Supplem (Map):	
Name (Web):	ANAMOSA STATE PENITENTIARY
Address (Web):	406 N HIGH ST
City (Web):	Anamosa
Zip (Web):	52205-1157
Data Source:	DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

Facility Details

UST ID:	3577	***Township Name:***	
Loc ID:	63883	***Tier:***	
Start Date:	12-Oct-1992 00:00:00	***Range :***	
Date Recorded:	09-Oct-1992 00:00:00	***Range Dir:***	0
Dt Reported:	09-Oct-1992 00:00:00	***Sectn:***	
Dt Discovered:	17-Aug-1992 00:00:00	***Zone UTM:***	15
Dt Disc Time:		***Geom Type Name:***	Point
Dt Occur:		***Accuracy:***	25
Dt Occu Time:		***Datum Name:***	NAD83
Lead:	State Fund	***Datum Descr:***	North American Datum of 1983
Coordinate ID:	2	***Scale:***	
Staff ID:	18	***Collect Date:***	23-Jan-2004 00:00:00
Method Description:	Removal	***Collect By:***	hcline
Tanks Removed:		***Vert Measure:***	
Owner Type:	State	***Vcolmth ID:***	
Fac Desc:	State Government Exemption	***Vdatum ID:***	
Policy No:		***Vaccuracy:***	
Policy St Dt:	01-Jan-1900 00:00:00	***Congress Dist:***	1
Policy End Dt:	09-Sep-9999 00:00:00	***State House Dist:***	031
Regist Sign Dt:	26-Feb-1986 00:00:00	***HUC Code:***	070801020906
Prohibition St Dt:		***Ind Full Name:***	Rochelle Cardinale
Prohibition End Dt:		***Staff Name:***	Brian Jergenson
Operations:	Always Staffed	***X Coord:***	641389
Derived Addr:	0	***Y Coord:***	4663487
Tribal Lnd ID:			
Insurers Name:			
Facility Throughput:	Small GDF		
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit at SE corner of penitentiary		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000169714	***Accuracy:***	25
ST Fac ID:	310648216	***Reference Point:***	STORAGE TANK
Unique ID:	1821	***Congress:***	1
Legend Type:	19	***St House:***	031
Public View:	1	***St Senate:***	16
Field Office (FO):	1	***HUC:***	070801020906
Supplemental Loc:		***X:***	-91.28982432772625

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Staff Name:	Jergenson	**Y:**	42.110741223135285
Class Date:	2002-01-31 24:00:00 UTC	**X Coord:**	641389
Collection Date:	2004-01-23 24:00:00 UTC	**Y Coord:**	4663487
Status Start Date:	1986-02-26 24:00:00 UTC	**Latitude:**	42.11074
Collected by:	hcline	**Longitude:**	-91.28982
Map Label Name:	8LTU69		
Collection Method:	INTERPOLATION-PHOTO		
Verified:			
Comment:	Tank pit at SE corner of penitentiary		
Hyperlink:			

Affiliation Information

Type:	Leak Contact
Title:	
Org Duns:	
Name:	JOHN HUSMAN
Org Name:	
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	
Mail Zip:	
Email:	
Undeliverable?:	
Aff Start Date:	
Aff End Date:	

Type:	Leak Recorder
Title:	
Org Duns:	
Name:	JOHN HUSMAN
Org Name:	
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	
Mail Zip:	
Email:	
Undeliverable?:	
Aff Start Date:	
Aff End Date:	

Type:	Leak Reporter
Title:	
Org Duns:	
Name:	JOHN HUSMAN
Org Name:	IOWA MENS REFORMATORY
Mail Address:	406 N HIGH ST
Mail Address 2:	
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	
Aff End Date:	

Initial Release - Cause

Leak Cause:	Unknown

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked:

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 4411
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 12-Oct-1992 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

Groundwater Professionals - Assessment

IND ID: 44716
IND Phone No: 0000000000
IND Phone Ext: none
IND Phone Desc: Home
Due Date: 10-Jul-1999 00:00:00
Received Date: 13-Jul-1999 00:00:00
Org Name: WENDLING QUARRIES INC
Name: JOHN L KULPER
Mail Address: 2647 225TH AVE
Mail Address 2:
Mail State: IA
Mail City: DE WITT
Mail Zip: 52742-9123
Email: johnk@wendlingquarries.com

ORG ID: 21812
ORG Phone No: 5636599181
ORG Phone Ext: none
ORG Phone Desc: Business

Initial Tracking Information

Initial Trackin ID: 1880
Start Date: 15-Feb-1993 00:00:00
Site Check Due Dt:
Site Check Rcvd Dt:
Site Check Appr Dt:
Site Check Rjct Dt:
Assessment Due Dt:
Assessment Rcvd Dt:

Assess Approvd Dt:
Cleanup Due Date: 07-Apr-1995 00:00:00
Cleanup Rcvd Date: 05-Jun-1995 00:00:00
Cleanup Apprvd Dt: 20-Sep-1995 00:00:00
Created Date: 08-Jan-2007 21:54:26
Created by: lustsiteclass
Last Changed: 08-Jan-2007 21:54:26
Changed By: lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID: 1714
Due Date:
Received Date: 01-Jun-2000 00:00:00
Other:
Title: MTBE WORKSHEET & DISK

Created Date: 08-Jan-2007 21:54:27
Created By: lustsiteclass
Last Changed: 08-Jan-2007 21:54:27
Changed By: lustsiteclass

Tier 1

Tier 1 ID:	1880
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	1880
Actual-Drinking Water Well:	NFA
Potential-Non-Drink Water Well:	NFA
Potential-Protected Grndwtr:	NFA
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	NFA
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	NFA

Tier 2 Dates

Due Date:	17-May-2000 00:00:00	***Rejected Date:***	14-Jun-2001 00:00:00
Received Date:	15-May-2000 00:00:00	***Reviewed By:***	Brian Jergenson
Accepted Date:		***GWP:***	
Due Date:	16-Dec-2001 00:00:00	***Rejected Date:***	
Received Date:	29-Jan-2002 00:00:00	***Reviewed By:***	Brian Jergenson
Accepted Date:	31-Jan-2002 00:00:00	***GWP:***	

Free Product Report

Letter Sent Date:	
FP Recovery End Date:	
Reporting Frequency:	
Free Product ID:	1880

Bedrock Report

Bedrock Type ID:	3	***GIS Survey:***	0
Category:	Nongranular	***LUST Bedrock ID:***	69
Sampl Water Supply:	0		

Classification

Priority Ranking:	No Action (proposed)	***Cleanup Start Date:***	20-Sep-1995 00:00:00
Risk Class Date:	31-Jan-2002 00:00:00	***Cleanup Compl Dt:***	31-Jan-2002 00:00:00
Risk Class Desc:	No Action	***Inst Ctrl Obtained:***	0
Sent to EPA:		***IC Date:***	
EPA Case No:		***IC Type:***	
Release Not Verified:			
Sent to Contam Sites:			
No Act Req-Free Prod:	0		

No Act Req-Not Elig for NFA:

Site Monitoring Report

Type:	Pre-RBCA	***Reviewed Date:***	
Due Date:	30-Jul-1998 00:00:00	***Reclass Request:***	
Received Date:	22-Jul-1998 00:00:00	***Reviewer ID:***	
Approved Date:		***Reviewed By:***	
Rejected Date:			

Type:	Pre-RBCA	***Reviewed Date:***	
Due Date:	30-Jul-1999 00:00:00	***Reclass Request:***	
Received Date:	29-Apr-1999 00:00:00	***Reviewer ID:***	
Approved Date:		***Reviewed By:***	
Rejected Date:			

Remediation Report

Remediatn Tech ID:	1613
UIC Permit Date:	

DNR LUST Search Result

Leak No:	8LTU69
Leak Classification:	No Action Required
DC:	

5	*3 of11*	*SSW*	*0.10 / 550.34*	*825.91 / -45*	***IPI FARMS 406 N. HIGH Anamosa IA 522050000***	***UST***

UST ID :	4288	***No of LUST:***	0
Registration No:	198603814	***Latitude:***	42.11185
Op Status:	Non-Reg FarmRes R/F	***Longitude:***	-91.29241
Last Inspec:		***Latitude (Map):***	42.11185
Last Leak No:		***Longitude (Map):***	-91.29241
Status Start:	719539200000		
Status Desc:	Non-regulated Farm/Res <1100 - r/f		
UST Name :	IPI FARMS		
Address:	406 N. HIGH		
Address 2:			
City:	Anamosa		
ZIP:	522050000		
County:	Jones		
Fac Name (Map):	Ipi Farms		
Loc Address (Map):	406 N. HIGH		
City Name (Map):	Anamosa		
Loc ZIP (Map):	52205		
County (Map):	Jones		
Name (Web):	IPI FARMS		
Address (Web):	406 N. HIGH		
City (Web):	Anamosa		
ZIP (Web):	522050000		
Loc Supplement (Map):			
Loc Supplem (Search Result):			
Source:	DNR - UST Database; Iowa Open Spatial Data - Underground Storage Tanks; Iowa DNR Storage Tanks Search Results		

Tank Details

Tank ID:	10612	***Filled in Place:***	
Brand:		***Identify Inert Material:***	
Type:	Farm	***Construction Material:***	Steel

In Use: 0
Installation Details:

Tank - Dates

Date: 01-Jul-1982 00:00:00
Description: tank installed

Date: 01-Jan-1996 00:00:00
Description: tank removed

Tank - Compartments

Compartment ID: 10736
Install Date: 01-Jul-1982 00:00:00
Contents: Regular (87)
Capacity: 1000

Tank - Compartments Details

Inspection ID:
Primary Method:
ATG Model:
Spill Protection:
Spill Bucket Size:
Bucket Liq Tight:
Bucket Functional:
Bucket Dry and Clean:
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc:
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd:
Spill Notes:
Spl Device Passes:
VR Last Test:
Pipe Brand:
Pipe Type:
Pipe Construction: Galvanized Steel
Piping Date:
Re-Piping Date:

Affiliation Information

Aff ID: 7102
Ind ID: 5546
Org ID:
Type: Site Owner
Org Duns:
Name: IPI FARMS
Org Name:
Mail Address: 406 N. HIGH/BOX 430
Mail Address 2:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 522050000
Aff Start Date:
Aff End Date:
Aff to UST ID: 8608
Undeliverable?: 0

Aff ID: 61474
Ind ID:
Org ID: 26518
Type: Site
Org Duns:
Name:
Org Name: IPI FARMS
Mail Address: 406 N. HIGH
Mail Address 2:
Mail City: Anamosa
Mail State: IA
Mail Zip: 522050000
Aff Start Date:
Aff End Date:
Aff to UST ID: 52555
Undeliverable?: 0

Aff ID: 7103
Ind ID: 5547
Org ID:
Aff Start Date:
Aff End Date:
Aff to UST ID: 8609

Type:	Site Contact	**Undeliverable?:**	
Org Duns:			
Name:	BILL GEHL		
Org Name:			
Mail Address:			
Mail Address 2:			
Mail City:			
Mail State:			
Mail Zip:			

Facility Details

Policy No:		**Scale:**	
Watershed HUC:	070801020906	**Collection Date:**	01-Dec-1999 00:00:00
Owner Type:	State	**Collected by:**	cwolter
Related AST:		**Geom Type:**	Point
Insurance Start Dt:	30-Nov-1992 00:00:00	**Datum:**	NAD83
Insurance Exp Dt:		**X Coord:**	641173
Registra Sign Dt:	20-Oct-1992 00:00:00	**Y Coord:**	4663606
Derived Address:		**Township:**	84
Staffing:		**Tier:**	84
Congress Dist:	1	**Range :**	4
St House Dist:	031	**Range Dir:**	W
St Senate Dist:	16	**Section:**	3
Field Office (FO):	1	**UTM Zone:**	15
FO Address:	909 West Main Suite #4	**Accuracy:**	570
FO Address 2:		**Vert Measure:**	
FO City:	Manchester	**V Datum:**	
FO State:	IA	**V Collection Mthd:**	
FO Zip:	52057	**V Accuracy:**	
FO Phone:	(563) 927-2640	**Method:**	Self Assurance
FO Fax:	(563) 927-2075		
Supplemental Loc:			
Reference Point:	Center of Facility		
Refer Point Desc:			
Insurers Name:			
Delivery Prohibitn Start Dt:			
Delivery Prohibition End Dt:			
Sites with Pressurized Dlvry:			
NESHAP Fac Throughput:			
Collection Method:	Address matching-other		
Verified:			
Verify Desc:			
Comment:			

Facility Details (Open Data)

ST Fac ID:	310456574	**Accuracy:**	570
Loc ID:	20000152167	**Reference Point:**	CENTER OF FACILITY
Unique ID:	2163	**Collected By:**	cwolter
HUC:	070801020906	**Collection Date:**	944006400000
Field Office (FO):	1	**Range :**	4
Legend Type:	18	**Range Dir:**	W
Public View:	1	**Section:**	3
Tier:	84	**X:**	-91.29240707740249
Congress:	1	**Y:**	42.111851420946714
St House:	031	**X Coord:**	641173
St Senate:	16	**Y Coord:**	4663606
Collection Method:	ADDRESS MATCHING-OTHER		
Map Label Name:	Ipi Farms		
Supplemental Loc:			
Verified:			
Comment:			
Status Start Dt:	1992-10-20 24:00:00 UTC		
Last Inspec Dt:	1970-01-01 24:00:00 UTC		
Col Date Dt:	1999-12-01 24:00:00 UTC		
Hyperlink:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DNR UST Search Result

Leak No:
Leak Classification: Not Classified
DC:

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5 | ***4 of11*** | ***SSW*** | ***0.10 / 550.34*** | ***825.91 / -45*** | ***ANAMOSA STATE PENITENTIARY***
406 N HIGH ST
Anamosa IA 52205 | ***UST***

UST ID :	3577	***No of LUST:***	1
Registration No:	198603076	***Latitude:***	42.11140
Op Status:	Reg Tanks-Active	***Longitude:***	-91.29281
Last Inspec:		***Latitude (Map):***	42.1114
Last Leak No:	8LTU69	***Longitude (Map):***	-91.29281
Status Start:	509760000000		
Status Desc:	Regulated tanks - active		
UST Name :	ANAMOSA STATE PENITENTIARY		
Address:	406 N HIGH ST		
Address 2:			
City:	Anamosa		
ZIP:	52205		
County:	Jones		
Fac Name (Map):	Anamosa State Penitentiary		
Loc Address (Map):	406 N HIGH ST		
City Name (Map):	Anamosa		
Loc ZIP (Map):	52205		
County (Map):	Jones		
Name (Web):	ANAMOSA STATE PENITENTIARY		
Address (Web):	406 N HIGH ST		
City (Web):	Anamosa		
ZIP (Web):	52205		
Loc Supplement (Map):			
Loc Supplem (Search Result):			
Source:	DNR - UST Database; Iowa Open Spatial Data - Underground Storage Tanks; Iowa DNR Storage Tanks Search Results		

Tank Details

Tank ID:	8402	***Filled in Place:***	
Brand:		***Identify Inert Material:***	
Type:	Other	***Construction Material:***	Steel
In Use:	0		
Installation Details:			

Tank - Dates

Date:	01-Aug-1953 00:00:00
Description:	tank installed
Date:	01-Jan-1900 00:00:00
Description:	nfa date
Date:	03-Aug-1992 00:00:00
Description:	tank removed

Tank - Compartments

Compartment ID:	8508	***Contents:***	Regular (87)
Install Date:	01-Aug-1953 00:00:00	***Capacity:***	550

Tank - Compartments Details

Inspection ID:
Primary Method:
ATG Model:
Spill Protection:
Spill Bucket Size:
Bucket Liq Tight:
Bucket Functional:
Bucket Dry and Clean:
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc:
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd:
Spill Notes:

Spl Device Passes:
VR Last Test:
Pipe Brand:
Pipe Type:
Pipe Construction: Galvanized Steel
Piping Date:
Re-Piping Date:

Tank Details

Tank ID: 8403
Brand:
Type: Other
In Use: 0
Installation Details:

Filled in Place:
Identify Inert Material:
Construction Material: Steel

Tank - Dates

Date: 01-Dec-1961 00:00:00
Description: tank installed

Date: 01-Jan-1900 00:00:00
Description: nfa date

Date: 03-Aug-1992 00:00:00
Description: tank removed

Tank - Compartments

Compartment ID: 8509
Install Date: 01-Dec-1961 00:00:00

Contents: Regular (87)
Capacity: 1000

Tank - Compartments Details

Inspection ID:
Primary Method:
ATG Model:
Spill Protection:
Spill Bucket Size:
Bucket Liq Tight:
Bucket Functional:
Bucket Dry and Clean:
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc:
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd:
Spill Notes:

Spl Device Passes:
VR Last Test:
Pipe Brand:
Pipe Type:
Pipe Construction: Galvanized Steel
Piping Date:
Re-Piping Date:

Tank Details

Tank ID: 8404
Brand:
Type: Other

Filled in Place: 0
Identify Inert Material:
Construction Material: Double Wall Steel

In Use: -1
Installation Details: Installation Inspected by Registered Professional Engineer; Manufacturers' Checklist Completed; Tank and Piping Tested for Leaks During
and After Installation

Tank - Dates

Date: 01-Aug-1992 00:00:00
Description: tank installed

Tank - External Protection Info

Type: Cathodic Protection
CP Test Date: 07-Dec-2017 00:00:00

Type: Factory Applied Coal Tar Epoxy Coated
CP Test Date: 07-Dec-2017 00:00:00

Type: Factory Installed Cathodic Protection
CP Test Date: 07-Dec-2017 00:00:00

Tank - Compartments

Compartment ID: 8510
Install Date: 01-Aug-1992 00:00:00
Contents: Regular (87)
Capacity: 1500

Tank - Compartments Details

Inspection ID: 23484
Primary Method: -1
ATG Model:
Spill Protection: YES
Spill Bucket Size: 5
Bucket Liq Tight: YES
Bucket Functional: YES
Bucket Dry and Clean: YES
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:
Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank - Compartments Details

Inspection ID: 33569
Primary Method: -1
ATG Model:
Spill Protection: YES
Spill Bucket Size: 5
Bucket Liq Tight: YES
Bucket Functional: YES
Bucket Dry and Clean: YES
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:
Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank - Compartments Details

Inspection ID:	30673	**Spl Device Passes:**	Yes
Primary Method:	-1	**VR Last Test:**	
ATG Model:		**Pipe Brand:**	Ameron
Spill Protection:	YES	**Pipe Type:**	Suction Piping
Spill Bucket Size:	5	**Pipe Construction:**	Fiberglass Reinforced Plastic (FRP)
Bucket Liq Tight:	YES	**Piping Date:**	
Bucket Functional:	YES	**Re-Piping Date:**	
Bucket Dry and Clean:	YES		
Pipe Transition Sumps Present:			
Internal Protection Line Date:			
Internal Protection Desc:	None		
Stage 1 Vapor Rcvry (VR) Mtd:			
Primary Leak Det Mtd:	Interstitial Monitoring with a Secondary Barrier		
Spill Notes:			

Tank - Compartments Details

Inspection ID:	27791	**Spl Device Passes:**	Yes
Primary Method:	-1	**VR Last Test:**	
ATG Model:		**Pipe Brand:**	Ameron
Spill Protection:	YES	**Pipe Type:**	Suction Piping
Spill Bucket Size:	5	**Pipe Construction:**	Fiberglass Reinforced Plastic (FRP)
Bucket Liq Tight:	YES	**Piping Date:**	
Bucket Functional:	YES	**Re-Piping Date:**	
Bucket Dry and Clean:	YES		
Pipe Transition Sumps Present:			
Internal Protection Line Date:			
Internal Protection Desc:	None		
Stage 1 Vapor Rcvry (VR) Mtd:			
Primary Leak Det Mtd:	Interstitial Monitoring with a Secondary Barrier		
Spill Notes:			

Tank - Compartments Details

Inspection ID:	8731	**Spl Device Passes:**	Yes
Primary Method:	-1	**VR Last Test:**	
ATG Model:		**Pipe Brand:**	Ameron
Spill Protection:		**Pipe Type:**	Suction Piping
Spill Bucket Size:	5	**Pipe Construction:**	Fiberglass Reinforced Plastic (FRP)
Bucket Liq Tight:	Yes	**Piping Date:**	
Bucket Functional:	Yes	**Re-Piping Date:**	
Bucket Dry and Clean:	Yes		
Pipe Transition Sumps Present:			
Internal Protection Line Date:			
Internal Protection Desc:	None		
Stage 1 Vapor Rcvry (VR) Mtd:			
Primary Leak Det Mtd:	Interstitial Monitoring with a Secondary Barrier		
Spill Notes:			

Tank - Compartments Details

Inspection ID:	28531	**Spl Device Passes:**	Yes
Primary Method:	-1	**VR Last Test:**	
ATG Model:		**Pipe Brand:**	Ameron
Spill Protection:	YES	**Pipe Type:**	Suction Piping
Spill Bucket Size:	5	**Pipe Construction:**	Fiberglass Reinforced Plastic (FRP)
Bucket Liq Tight:	YES	**Piping Date:**	
Bucket Functional:	YES	**Re-Piping Date:**	
Bucket Dry and Clean:	YES		
Pipe Transition Sumps Present:			
Internal Protection Line Date:			
Internal Protection Desc:	None		
Stage 1 Vapor Rcvry (VR) Mtd:			
Primary Leak Det Mtd:	Interstitial Monitoring with a Secondary Barrier		
Spill Notes:			

Tank - Compartments Details

Inspection ID: 1781
Primary Method: -1
ATG Model:
Spill Protection:
Spill Bucket Size: 5
Bucket Liq Tight: Yes
Bucket Functional: Yes
Bucket Dry and Clean: Yes
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:

Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank - Compartments Details

Inspection ID: 3917
Primary Method: -1
ATG Model:
Spill Protection:
Spill Bucket Size: 5
Bucket Liq Tight: Yes
Bucket Functional: Yes
Bucket Dry and Clean: No
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:

Spl Device Passes: No
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank - Compartments Details

Inspection ID: 10213
Primary Method: -1
ATG Model:
Spill Protection: YES
Spill Bucket Size: 5
Bucket Liq Tight: YES
Bucket Functional: YES
Bucket Dry and Clean: YES
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:

Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank - Compartments Details

Inspection ID: 30679
Primary Method: -1
ATG Model:
Spill Protection: YES
Spill Bucket Size: 5
Bucket Liq Tight: YES
Bucket Functional: YES
Bucket Dry and Clean: YES
Pipe Transition Sumps Present:
Internal Protection Line Date:

Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:

Tank - Compartments Details

Inspection ID: 26357
Primary Method: -1
ATG Model:
Spill Protection: YES
Spill Bucket Size: 5
Bucket Liq Tight: YES
Bucket Functional: YES
Bucket Dry and Clean: YES
Pipe Transition Sumps Present:
Internal Protection Line Date:
Internal Protection Desc: None
Stage 1 Vapor Rcvry (VR) Mtd:
Primary Leak Det Mtd: Interstitial Monitoring with a Secondary Barrier
Spill Notes:

Spl Device Passes: Yes
VR Last Test:
Pipe Brand: Ameron
Pipe Type: Suction Piping
Pipe Construction: Fiberglass Reinforced Plastic (FRP)
Piping Date:
Re-Piping Date:

Tank Compartment - Pipe Leak Detection

Pipe Leak Detection Method: Suction

Tank Compartment - Overfill Devices

Overfill Device 1: Automatic Shut-Off Device @ 95% full
Overfill Device 2:
Overfill Device 3:
Alarm Tested: Yes

Overfill Device 1: Automatic Shut-Off
Overfill Device 2:
Overfill Device 3:
Alarm Tested: YES

Overfill Device 1: Automatic Shut-Off
Overfill Device 2:
Overfill Device 3:
Alarm Tested: Yes

Tank Compartment - UST Tags

TAG ID: 93160
TAG No: 26925
Type: Renewal
Renewal Year: 2017
Valid Date: 19-Jan-2017 00:00:00
Issue Date: 27-Jan-2017 00:00:00
Comments:
Fee Due: 65.00
Fee Recvd: 65.00
Total Fee: 65.00
Total Fee Recvd: 65.00
Temporary: 0

TAG ID: 61119
TAG No: 26925
Type: Renewal
Renewal Year: 2013
Valid Date: 21-Dec-2012 00:00:00
Issue Date: 12-Feb-2013 00:00:00
Comments:
Fee Due: 65.00
Fee Recvd: 65.00
Total Fee: 65.00
Total Fee Recvd: 65.00
Temporary: 0

TAG ID: 22829
TAG No: 5799
Type: Renewal
Fee Due: 65.00
Fee Recvd: 65.00
Total Fee:

Renewal Year:	2008	**Total Fee Recvd:**	
Valid Date:	31-Jan-2008 00:00:00	**Temporary:**	0
Issue Date:	12-Mar-2008 00:00:00		
Comments:			

TAG ID:	54547	**Fee Due:**	65.00
TAG No:	26925	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2012	**Total Fee Recvd:**	65.00
Valid Date:	23-Dec-2011 00:00:00	**Temporary:**	0
Issue Date:	23-Feb-2012 00:00:00		
Comments:			

TAG ID:	43704	**Fee Due:**	65.00
TAG No:	2597	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2011	**Total Fee Recvd:**	65.00
Valid Date:	27-Jan-2011 00:00:00	**Temporary:**	0
Issue Date:	08-Feb-2011 00:00:00		
Comments:			

TAG ID:	38421	**Fee Due:**	65.00
TAG No:	5235	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2010	**Total Fee Recvd:**	
Valid Date:	04-Jan-2010 00:00:00	**Temporary:**	0
Issue Date:	11-Feb-2010 00:00:00		
Comments:			

TAG ID:	31686	**Fee Due:**	65.00
TAG No:	6429	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2009	**Total Fee Recvd:**	
Valid Date:	13-Jan-2009 00:00:00	**Temporary:**	0
Issue Date:	23-Feb-2009 00:00:00		
Comments:			

TAG ID:	104376	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2019	**Total Fee Recvd:**	
Valid Date:	17-Dec-2018 00:00:00	**Temporary:**	0
Issue Date:	26-Dec-2018 00:00:00		
Comments:			

TAG ID:	128119	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2022	**Total Fee Recvd:**	65.00
Valid Date:	20-Dec-2021 00:00:00	**Temporary:**	0
Issue Date:	07-Jan-2022 00:00:00		
Comments:			

TAG ID:	80689	**Fee Due:**	65.00
TAG No:	26925	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2016	**Total Fee Recvd:**	65.00
Valid Date:	06-Jan-2016 00:00:00	**Temporary:**	0
Issue Date:	13-Jan-2016 00:00:00		
Comments:			

TAG ID:	102372	**Fee Due:**	10.00
TAG No:	32840	**Fee Recvd:**	10.00
Type:	Permanent	**Total Fee:**	
Renewal Year:	2007	**Total Fee Recvd:**	
Valid Date:	11-Nov-2006 00:00:00	**Temporary:**	0
Issue Date:	22-Mar-2018 00:00:00		
Comments:			

TAG ID:	95843	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2018	**Total Fee Recvd:**	
Valid Date:	06-Dec-2017 00:00:00	**Temporary:**	0
Issue Date:	14-Dec-2017 00:00:00		
Comments:			

TAG ID:	70836	**Fee Due:**	65.00
TAG No:	26925	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2014	**Total Fee Recvd:**	65.00
Valid Date:	14-Jan-2014 00:00:00	**Temporary:**	0
Issue Date:	20-Feb-2014 00:00:00		
Comments:			

TAG ID:	122601	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2021	**Total Fee Recvd:**	
Valid Date:	30-Dec-2020 00:00:00	**Temporary:**	0
Issue Date:	20-Jan-2021 00:00:00		
Comments:			

TAG ID:	10309	**Fee Due:**	65.00
TAG No:	26925	**Fee Recvd:**	65.00
Type:	Old Perm.	**Total Fee:**	
Renewal Year:	2007	**Total Fee Recvd:**	
Valid Date:	11-Nov-2006 00:00:00	**Temporary:**	0
Issue Date:	17-Mar-2007 00:00:00		
Comments:			

TAG ID:	78421	**Fee Due:**	65.00
TAG No:	26925	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	65.00
Renewal Year:	2015	**Total Fee Recvd:**	65.00
Valid Date:	30-Jan-2015 00:00:00	**Temporary:**	0
Issue Date:	02-Feb-2015 00:00:00		
Comments:			

TAG ID:	137310	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2023	**Total Fee Recvd:**	
Valid Date:	08-Dec-2022 00:00:00	**Temporary:**	0
Issue Date:	11-Jan-2023 00:00:00		
Comments:			

TAG ID:	112105	**Fee Due:**	65.00
TAG No:	32840	**Fee Recvd:**	65.00
Type:	Renewal	**Total Fee:**	
Renewal Year:	2020	**Total Fee Recvd:**	
Valid Date:	11-Dec-2019 00:00:00	**Temporary:**	0
Issue Date:	18-Dec-2019 00:00:00		
Comments:			

Affiliation Information

Aff ID:	5953	**Aff Start Date:**	
Ind ID:	4604	**Aff End Date:**	
Org ID:		**Aff to UST ID:**	7134
Type:	Site Contact	**Undeliverable?:**	0
Org Duns:			
Name:	JON C HUSMAN		
Org Name:			
Mail Address:			
Mail Address 2:			
Mail City:			

Mail State:
Mail Zip:

Aff ID: 76877 **Aff Start Date:** 14-Jun-2012 00:00:00
Ind ID: 54257 **Aff End Date:** 16-Oct-2020 00:00:00
Org ID: **Aff to UST ID:** 60650
Type: Class B Operator **Undeliverable?:** 0
Org Duns:
Name: STEVEN LECLERE
Org Name:
Mail Address: 406 N HIGH ST
Mail Address 2:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205

Aff ID: 5952 **Aff Start Date:**
Ind ID: 53116 **Aff End Date:**
Org ID: 3681 **Aff to UST ID:** 7133
Type: Site Owner **Undeliverable?:** 0
Org Duns:
Name: JILL KENNEBECK
Org Name: ANAMOSA STATE PENITENTIARY
Mail Address: 406 N HIGH ST
Mail Address 2:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205-1157

Aff ID: 90645 **Aff Start Date:** 16-Oct-2020 00:00:00
Ind ID: 68692 **Aff End Date:**
Org ID: **Aff to UST ID:** 72877
Type: Class A Operator **Undeliverable?:** 0
Org Duns:
Name: JON DAY
Org Name:
Mail Address: ANAMOSA STATE PENITENTIARY
Mail Address 2: 406 N HIGH ST
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205

Aff ID: 90646 **Aff Start Date:** 16-Oct-2020 00:00:00
Ind ID: 68693 **Aff End Date:**
Org ID: **Aff to UST ID:** 72878
Type: Class B Operator **Undeliverable?:** 0
Org Duns:
Name: JON DAY
Org Name:
Mail Address: ANAMOSA STATE PENITENTIARY
Mail Address 2: 406 N HIGH ST
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205

Aff ID: 76876 **Aff Start Date:** 14-Jun-2012 00:00:00
Ind ID: 54256 **Aff End Date:** 16-Oct-2020 00:00:00
Org ID: **Aff to UST ID:** 60649
Type: Class A Operator **Undeliverable?:** 0
Org Duns:
Name: STEVEN LECLERE
Org Name:
Mail Address: 406 N HIGH ST
Mail Address 2:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205

Aff ID: 50242 **Aff Start Date:**

Ind ID:	53117	**Aff End Date:**	
Org ID:	25807	**Aff to UST ID:**	41323
Type:	Site	**Undeliverable?:**	0
Org Duns:			
Name:			
Org Name:	ANAMOSA STATE PENITENTIARY		
Mail Address:	406 N HIGH ST		
Mail Address 2:			
Mail City:	ANAMOSA		
Mail State:	IA		
Mail Zip:	52205-1157		

Facility Details

Policy No:		**Scale:**	24000
Watershed HUC:	070801020906	**Collection Date:**	01-Aug-2011 13:58:19
Owner Type:	State	**Collected by:**	mark.las
Related AST:		**Geom Type:**	Point
Insurance Start Dt:	01-Jan-1900 00:00:00	**Datum:**	NAD83
Insurance Exp Dt:	09-Sep-9999 00:00:00	**X Coord:**	641141
Registra Sign Dt:	26-Feb-1986 00:00:00	**Y Coord:**	4663555
Derived Address:	0	**Township:**	Fairview
Staffing:	Always Staffed	**Tier:**	84
Congress Dist:	1	**Range :**	04
St House Dist:	031	**Range Dir:**	W
St Senate Dist:	16	**Section:**	3
Field Office (FO):	1	**UTM Zone:**	15
FO Address:	909 West Main Suite #4	**Accuracy:**	20
FO Address 2:		**Vert Measure:**	
FO City:	Manchester	**V Datum:**	
FO State:	IA	**V Collection Mthd:**	
FO Zip:	52057	**V Accuracy:**	
FO Phone:	(563) 927-2640	**Method:**	State Government Exemption
FO Fax:	(563) 927-2075		
Supplemental Loc:			
Reference Point:	Administrative building		
Refer Point Desc:			
Insurers Name:			
Delivery Prohibitn Start Dt:			
Delivery Prohibition End Dt:			
Sites with Pressurized Dlvry:			
NESHAP Fac Throughput:	Small GDF		
Collection Method:	interpolation-photo		
Verified:	Point in polygon (county)		
Verify Desc:	The coordinates are a point within the county.		
Comment:			

Facility Details (Open Data)

ST Fac ID:	310648216	**Accuracy:**	20
Loc ID:	20000178739	**Reference Point:**	ADMINISTRATIVE BUILDING
Unique ID:	16830	**Collected By:**	mark.las
HUC:	070801020906	**Collection Date:**	1312207099000
Field Office (FO):	1	**Range :**	04
Legend Type:	7	**Range Dir:**	W
Public View:	1	**Section:**	3
Tier:	84	**X:**	-91.29280629908827
Congress:	01	**Y:**	42.11139805260081
St House:	031	**X Coord:**	641141
St Senate:	16	**Y Coord:**	4663555
Collection Method:	INTERPOLATION-PHOTO		
Map Label Name:	Anamosa State Penitentiary		
Supplemental Loc:			
Verified:	POINT IN POLYGON (COUNTY)		
Comment:			
Status Start Dt:	1986-02-26 24:00:00 UTC		
Last Inspec Dt:	1970-01-01 24:00:00 UTC		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Col Date Dt: 2011-08-01 13:58:19 UTC
Hyperlink:

DNR UST Search Result

Leak No: 8LTU69
Leak Classification: No Action Required
DC:

Documents

File Name: LuVerne PWS_Oil_Detects_Nov08.xls
File Description:

Documents

File Name: 8LTO04_5-24-11_CA Notes.doc
File Description:

Documents

File Name: 8LTO04 Fort Dodge Messenger Article.docx
File Description:

5	5 of11	SSW	0.10 / 550.34	825.91 / -45	IOWA PRISON INDUSTRIES 406 N HIGH STREET - ANAMOSA IA 52205	SSTS

EPA Region: 7
Establishment No: 34657-IA-2
Est Create Update Date:
Est Site County: Jones
Est Site Country: USA
Est Mailing Address: 406 N HIGH STREET
Est Mailing Address Line 2: -
Est Mail City: ANAMOSA
Est Mail State: IA
Est Mail Zip: 52205
Est Mail Country: USA
Company Name: IOWA STATE INDUSTRIES
Co Site Address Line 1: 406 NORTH HIGH STREET
Co Site Address Line 2: -
Co Site City: ANAMOSA
Co Site State: IA
Co Site Zip: 52205
Co Site Country: USA
Co Mailing Address Line 1: 406 NORTH HIGH STREET
Co Mail Address Line 2: -
Co Mail City: ANAMOSA
Co Mail State: IA
Co Mail Zip: 52205
Co Mail Country: USA

5	6 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary - Tanks 406 North High St-Anamosa IA	DELISTED TANK

Delisted Aboveground Storage Tanks (State Fire Marshal)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Registration No: 21807
Old Reg No Serial: 15170
Tank Size: 10000
Tank Contents: DIESEL
Original Source: AST2
Record Date: 01-OCT-2020
Certification Status: Expired
Vehicle Pmt Status:
Vehicle Exp Date: 10/01/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	7 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary - Tanks 406 North High St-Anamosa IA	DELISTED TANK

Delisted Aboveground Storage Tanks (State Fire Marshal)

Registration No: 21807
Old Reg No Serial: 15170
Tank Size: 10000
Tank Contents: DIESEL
Original Source: AST2
Record Date: 01-OCT-2020
Certification Status: Current
Vehicle Pmt Status:
Vehicle Exp Date: 10/01/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	8 of11	SSW	0.10 / 550.34	825.91 / -45	IOWA STATE PRISON INDUSTRIES 406 N HIGH ST ANAMOSA IA 52205-1157	RCRA VSQG

EPA Handler ID: IAD078092731
Gen Status Universe: VSG
Contact Name: BRIAN TRACY
Contact Address: 406 , N HIGH ST , , ANAMOSA , IA, 52205-1157 , US
Contact Phone No and Ext: 319-462-3547 x2273
Contact Email: BRIAN.TRACY@IOWA.GOV
Contact Country: US
County Name: JONES
EPA Region: 07
Land Type: State
Receive Date: 20190408
Location Latitude: 42.110618
Location Longitude: -91.289294

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jul, 2023.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20070411
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20070412
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 20070919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071030
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20070411
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20070412
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20070919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071030
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20070411
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20071017
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20070919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071030
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: LDR - General
Violation Type: 268.A
Violation Determined Date: 20070411

Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20070412
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20070919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071030
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Universal Waste - Small Quantity Handlers
Violation Type: 273.B
Violation Determined Date: 20070411
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 20071017
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20070919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071030
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 261.4(b)(13)
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20030409
Scheduled Compliance Date: 20030423
Return to Compliance: Documented
Actual Return to Compl: 20030418
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20030409
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:

Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 279.22(c)
Violation Short Description: TSD - General
Violation Type: 264.A
Violation Determined Date: 20030409
Scheduled Compliance Date: 20030423
Return to Compliance: Documented
Actual Return to Compl: 20030409
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20030409
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19890308
Scheduled Compliance Date:
Return to Compliance: Documented
Actual Return to Compl: 19900504
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890601
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890308
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes

Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19890308
Scheduled Compliance Date: 19891018
Return to Compliance: Documented
Actual Return to Compl: 19900504
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19890918
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19860415
Scheduled Compliance Date: 19860430
Return to Compliance: Observed
Actual Return to Compl: 19860415
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19860415
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20220120
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20190402
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20070411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Universal Waste - Small Quantity Handlers
Return to Compliance Date: 20071017
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20070411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: LDR - General
Return to Compliance Date: 20070412
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20070411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20070412
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20070411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20071017
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20070411
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20070412
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 20030409
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20030418
Evaluation Agency: EPA

Evaluation Start Date: 20030409
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General
Return to Compliance Date: 20030409
Evaluation Agency: EPA

Evaluation Start Date: 19941122
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA Contractor/Grantee

Evaluation Start Date: 19930930
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19890308
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19900504
Evaluation Agency: EPA

Evaluation Start Date: 19860415
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19860415
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No

Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19820222
Handler Name: IOWA STATE INDUSTRIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 19870130
Handler Name: IOWA STATE MENS REFORMATORY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19900508
Handler Name: IOWA STATE INDUSTRIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE

SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 19900508
Handler Name: IOWA STATE MENS REFORMATORY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: UOIL
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19941122
Handler Name: IOWA STATE PRISON INDUSTRIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19941122
Handler Name: ANAMOSA STATE PENITENTIARY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: UOIL
Waste Code Description:

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19941206

Handler Name: IOWA STATE PRISON INDUSTRIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20000508
Handler Name: ANAMOSA STATE PENITENTIARY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20030424
Handler Name: ANAMOSA STATE PENITENTIARY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20070425
Handler Name: IOWA STATE PRISON INDUSTRIES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20070425
Handler Name: ANAMOSA STATE PENITENTIARY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20161024
Handler Name: ANAMOSA STATE PENITENTIARY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190408
Handler Name: IOWA STATE PRISON INDUSTRIES
Federal Waste Generator Code: 3

Generator Code Description: Very Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	510
Type:	State	**Street 1:**	E 12TH ST
Name:	IOWA DEPARTMENT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	DES MOINES
Date Ended Current:		**State:**	IA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	50319

Owner/Operator Ind:	Current Owner	**Street No:**	406
Type:	State	**Street 1:**	N HIGH ST
Name:	IOWA STATE OF	**Street 2:**	
Date Became Current:		**City:**	ANAMOSA
Date Ended Current:		**State:**	IA
Phone:	319-462-3547	**Country:**	US
Source Type:	Notification	**Zip Code:**	52205-0010

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	X
Name:	STATE OF IOWA	**Street 2:**	
Date Became Current:		**City:**	DES MOINES
Date Ended Current:		**State:**	IA
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	50309

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	406 N HIGH ST
Name:	STATE OF IOWA/DEPT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	ANAMOSA
Date Ended Current:		**State:**	IA
Phone:	319-462-3547	**Country:**	
Source Type:	Implementer	**Zip Code:**	52205-0010

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	
Name:	IOWA STATE OF	**Street 2:**	
Date Became Current:		**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	X
Name:	STATE OF IOWA	**Street 2:**	
Date Became Current:		**City:**	DES MOINES
Date Ended Current:		**State:**	IA
Phone:		**Country:**	
Source Type:	Implementer	**Zip Code:**	50309

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	406 N HIGH ST
Name:	STATE OF IOWA/DEPT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	ANAMOSA
Date Ended Current:		**State:**	IA
Phone:	319-462-3547	**Country:**	
Source Type:	Notification	**Zip Code:**	52205-0010

Owner/Operator Ind:	Current Owner	**Street No:**	510
Type:	State	**Street 1:**	E 12TH ST
Name:	IOWA DEPARTMENT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	DES MOINES
Date Ended Current:		**State:**	IA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	50319

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	State	**Street 1:**	
Name:	IOWA STATE OF	**Street 2:**	
Date Became Current:		**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	406 N HIGH ST
Name:	IOWA STATE OF DEPT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	ANAMOSA
Date Ended Current:		**State:**	IA
Phone:	319-462-3547	**Country:**	US
Source Type:	Implementer	**Zip Code:**	52205-0010

Owner/Operator Ind:	Current Owner	**Street No:**	510
Type:	State	**Street 1:**	E 12TH ST
Name:	STATE OF IOWA - DEPT OF CORRECTIONS	**Street 2:**	
Date Became Current:		**City:**	DES MOINES
Date Ended Current:		**State:**	IA
Phone:	515-725-5708	**Country:**	US
Source Type:	Implementer	**Zip Code:**	50319

Historical Handler Details

Receive Dt:	20161024
Generator Code Description:	Very Small Quantity Generator
Handler Name:	ANAMOSA STATE PENITENTIARY

Receive Dt:	20070425
Generator Code Description:	Small Quantity Generator
Handler Name:	IOWA STATE PRISON INDUSTRIES

Receive Dt:	20070425
Generator Code Description:	Very Small Quantity Generator
Handler Name:	ANAMOSA STATE PENITENTIARY

Receive Dt:	20030424
Generator Code Description:	Very Small Quantity Generator
Handler Name:	ANAMOSA STATE PENITENTIARY

Receive Dt: 20000508

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator Code Description: Small Quantity Generator
Handler Name: ANAMOSA STATE PENITENTIARY

Receive Dt: 19941206
Generator Code Description: Small Quantity Generator
Handler Name: IOWA STATE PRISON INDUSTRIES

Receive Dt: 19941122
Generator Code Description: Very Small Quantity Generator
Handler Name: ANAMOSA STATE PENITENTIARY

Receive Dt: 19941122
Generator Code Description: Small Quantity Generator
Handler Name: IOWA STATE PRISON INDUSTRIES

Receive Dt: 19900508
Generator Code Description: Small Quantity Generator
Handler Name: IOWA STATE MENS REFORMATORY

Receive Dt: 19900508
Generator Code Description: Small Quantity Generator
Handler Name: IOWA STATE INDUSTRIES

Receive Dt: 19870130
Generator Code Description: Very Small Quantity Generator
Handler Name: IOWA STATE MENS REFORMATORY

Receive Dt: 19820222
Generator Code Description: Small Quantity Generator
Handler Name: IOWA STATE INDUSTRIES

5	9 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary - Tanks 406 North High St-Anamosa IA	SFM AST

Registration No: 21807
Tank Size: 10000
Vehicle Exp Date: 10/01/2024
Vehicle Permit Status: Current
Old Registration No: 15170
Tank Contents: DIESEL
Certification Status: Current

5	10 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary - Tanks 406 North High St-Anamosa IA	SFM AST

Registration No: 21807
Tank Size: 10000
Vehicle Exp Date: 10/01/2024
Vehicle Permit Status: Current
Old Registration No: 15170
Tank Contents: DIESEL
Certification Status: Expired

5	11 of11	SSW	0.10 / 550.34	825.91 / -45	Anamosa State Penitentiary 406 N HIGH ST IA 52205-0010	AIR PERMITS

Loc ID: 20000247005
County: Jones
Latitude: 42.11139
Longitude: -91.29127

Details

Facility ID: 311217877
Permit ID: 53-01-002
Legend type Air: Facility-Multiple
Oper Permit Status:
Oper Permit Link:
Oper Permit Expired:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	Active	**Construction Link:**	
Program Type:	Minor	**Constr Permit Issud:**	
PIS Start Dt:		**PSD Link:**	
Oprt Issued:		**Field Office:**	MANCHESTER - NORTHEAST
Oprt Expire:		**Congress:**	01
Cons Issued:		**St House:**	
PSD Issued:		**St Senate:**	
Operat Permit Type:		**HUC:**	
Oper Permit Issued:		**Coldate:**	
Start Date:		**Collection Date:**	
Loc Supplem:			
Loc Comment:			
Preventn of Signf Deterioratn:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of1	SSW	0.10 / 552.87	825.91 / -45	Anamosa State Penitentiary (Anamosa) 406 North High St. Anamosa IA 52205-0010	AST

AST ID:	14097	**Township:**	
Owner Type:	Private/Corporate	**Range:**	
AST Program ID:	AST14097	**Range Dir:**	
Other Owner Type:		**UTM Zone:**	15
Field Office ID:	1	**Geom Type:**	Point
Owner ID:	3182	**Datum:**	NAD83
Status:	Regulated tanks - active	**Referen Point:**	Storage tank
Status Start Dt:	2011-11-29 15:43:11.210000000	**Ref Point Desc:**	
Status End Dt:		**Scale:**	
Loc Supplement:		**Collect Date:**	2011-12-19 00:00:00
Tier:		**Collect By:**	kclark
Sectn:		**Verify:**	
Collec Mthd:	Address matching-digitized	**Vert Measure:**	
Accuracy:	100	**V Coll Method:**	
Derived Addr:		**Vert Datum:**	
Loc Comment:		**V Accuracy:**	
County Name:	Jones	**Congress Dist:**	1
Field Offi Addr:	909 West Main Suite #4	**St House Dist:**	031
FO Addr2:		**St Senate Dist:**	16
FO City:	Manchester	**Watershed HUC:**	070801020906
FO State:	IA	**Owner F Name:**	Greg
FO Zip:	52057	**Owner L Name:**	Wagner
FO Phone:	(563) 927-2640	**Company Name:**	Anamosa State Penitentiary
FO Fax:	(563) 927-2075	**Owner Street:**	406 North High St
Latitude:	42.11096	**Owner City:**	Anamosa
Longitude:	-91.28950	**Owner State:**	IA
X Coord:	641415	**Owner Zip:**	52205-0010
Y Coord:	4663512		
Verify Desc:			

Tank Details

Tank ID:	14544
Brand:	
Tank Type:	Commercial
In Use?:	True
Filled in Place?:	
Tank City:	Anamosa
Tank Address:	406 NORTH HIGH ST.
Tank State:	IA
Tank Zip:	
Identify Inert Material:	
External Protection:	
CP Test Date:	
Construction Materials:	
Installation:	
Description:	
Other Tank Brand:	

Other Tank Type:
Other Tank Material:

Tank - Date Descriptions

Date Type: tank installed ***Date:*** 2011-04-07 00:00:00

Tank - Compartments

Compartment ID: 14544
Capacity: 10000
Registered?:
Tag Attached?:
Spill Protection?:
Catchment Basin?:
Catchment Basin Size:
Install Date: 2011-04-07 00:00:00
Primary Method?:
Automatic Tank Gauging (ATG)
Model:
Internal Protection Line Date:
Internal Protection Description:
Pipe Brand:
Pipe Type:
Pipe Construction:
Piping Date:
Re-Piping Date:
Pipe Leak Detection:

Tank Comp - AST Tags

AST ID: 14097
TAG ID: 44612
TAG No: 15170
Type: R
Renewal Year: 2013
Check No: 243
Check Date: 2013-02-14 00:00:00
Issue Date: 2012-12-27 10:06:13.093000000
Fee Due: 10.00
Fee Rec'd: 10.00
Comments: IET
Temp Tag: False
Total Fee:
Total Fee Rec'd: 10.00
Fee Received Dt: 2013-02-14 00:00:00
Out of Service Dt:
Expiration Dt: 2014-01-31 00:00:00
Daily Receipts Rprt Run Dt:

AST ID: 14097
TAG ID: 52474
TAG No: 15170
Type: R
Renewal Year: 2014
Check No: 0
Check Date: 2014-02-16 00:00:00
Issue Date: 2014-01-02 12:30:25.620000000
Fee Due: 20.00
Fee Rec'd: 20.00
Comments: P4141779
Temp Tag: False
Total Fee:
Total Fee Rec'd: 20.00
Fee Received Dt: 2014-02-16 00:00:00

Out of Service Dt:
Expiration Dt: 2015-01-31 00:00:00
Daily Receipts Rprt Run Dt: 2014-02-19 13:31:01.483000000

AST ID: 14097
TAG ID: 60537
TAG No: 15170
Type: R
Renewal Year: 2016
Check No:
Check Date:
Issue Date: 2014-10-14 07:43:43.310000000
Fee Due: 20.00
Fee Rec'd:
Comments: system generated Invoice
Temp Tag: False
Total Fee:
Total Fee Rec'd:
Fee Received Dt:
Out of Service Dt:
Expiration Dt: 2015-01-31 00:00:00
Daily Receipts Rprt Run Dt:

AST ID: 14097
TAG ID: 21854
TAG No: 15170
Type: R
Renewal Year: 2011
Check No:
Check Date: 2011-12-31 00:00:00
Issue Date: 2011-04-07 00:00:00
Fee Due: .00
Fee Rec'd:
Comments: resetting payment records per Jeff Miller
Temp Tag: False
Total Fee:
Total Fee Rec'd:
Fee Received Dt: 2012-11-23 00:00:00
Out of Service Dt:
Expiration Dt:
Daily Receipts Rprt Run Dt:

AST ID: 14097
TAG ID: 29271
TAG No: 15170
Type: R
Renewal Year: 2012
Check No: 4121602
Check Date: 2012-01-30 00:00:00
Issue Date: 2012-01-13 09:36:56.840000000
Fee Due: 10.00
Fee Rec'd: 10.00
Comments: Internal payment from Dept of Corrections
Temp Tag: False
Total Fee:
Total Fee Rec'd: 10.00
Fee Received Dt: 2012-01-30 00:00:00
Out of Service Dt:
Expiration Dt: 2013-01-31 00:00:00
Daily Receipts Rprt Run Dt:

Affiliation Information

Aff Type: Site Owner
Start Dt: 2011-11-29 15:44:31.513000000
End Dt:
Org Name: Anamosa State Penitentiary
Org DUNS:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Ind Name:
Ind Title:
Mail1 Address: 406 North High St.
Mail2 Address:
Mail City: Anamosa
Mail State: IA
Mail Zip: 52205-0010
Undeliverable?:
Email:

---

7 | **1 of1** | **SE** | **0.28 / 1,501.00** | **828.90 / -42** | **MAQUOKETA VLY REC**
109 N HUBER ST
ANAMOSA IA 52205 | **PCB**

Site ID: IAD006940332
Receive Date:
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research: No
Smelter: No
Owner Name: MAQUOKETA VLY REC
Mail Address 1: 109 N HUBER ST
Mail Address 2:
Mail Street No:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205
Mail Country: US
Contact Name: JON HATCHER
Contact Title:
Contact Phone: 319-462-3541
Contact Phone Ext:
Contact Email:

Cert Title:
Cert Date: 2/21/1990 12:00:00 AM
Cert Name:
State Name: IOWA
Region: 07
GIS Data Origin: Auto-Geocoded
Latitude: 42.109527
Longitude: -91.283876

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8 | **1 of1** | **SSW** | **0.31 / 1,632.52** | **806.22 / -64** | **REDS SALES & SERV**
600 WEST MAIN ST
Anamosa IA 522050000 | **LUST**

LUST ID: 4169
Leak No: 8LTK31
Registration: 198608936
No of LUSTs: 1
Spill No:
Spill Date:
UST Name : REDS SALES & SERV
Address 1 : 600 WEST MAIN ST
Address 2 :
City: Anamosa
Zip: 522050000
County: Jones
Loc Supplement:
Fac Name (Map): Reds Sales & Serv
Loc Address (Map): 600 WEST MAIN ST
City Name (Map): Anamosa
Loc Zip (Map): 52205
County Name (Map): Jones
Loc Supplem (Map):
Name (Web): REDS SALES & SERV
Address (Web): 600 WEST MAIN ST
City (Web): Anamosa
Zip (Web): 522050000
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

LUST Status: No Action Required
Leak Status: Unknown
Op Status: Regulated Tanks R/F
Status Start: 515116800000
Latitude: 42.10839
Longitude: -91.29096

Facility Details

UST ID:	9098	***Township Name:***	
Loc ID:	66604	***Tier:***	
Start Date:	22-Jan-1991 00:00:00	***Range :***	
Date Recorded:	14-Jan-1991 00:00:00	***Range Dir:***	
Dt Reported:	14-Jan-1991 00:00:00	***Sectn:***	
Dt Discovered:	12-Dec-1990 00:00:00	***Zone UTM:***	15
Dt Disc Time:	UNK	***Geom Type Name:***	Point
Dt Occur:		***Accuracy:***	25
Dt Occu Time:	UNK	***Datum Name:***	NAD83
Lead:	State Fund	***Datum Descr:***	North American Datum of 1983
Coordinate ID:	2	***Scale:***	
Staff ID:	3	***Collect Date:***	23-Jan-2004 00:00:00
Method Description:	Other	***Collect By:***	hcline
Tanks Removed:		***Vert Measure:***	
Owner Type:	Private/Corporate	***Vcolmth ID:***	
Fac Desc:		***Vdatum ID:***	
Policy No:		***Vaccuracy:***	
Policy St Dt:		***Congress Dist:***	1
Policy End Dt:		***State House Dist:***	031
Regist Sign Dt:	29-Apr-1986 00:00:00	***HUC Code:***	070801020906
Prohibition St Dt:		***Ind Full Name:***	Rochelle Cardinale
Prohibition End Dt:		***Staff Name:***	Rochelle Cardinale
Operations:		***X Coord:***	641300
Derived Addr:		***Y Coord:***	4663224
Tribal Lnd ID:			
Insurers Name:			
Facility Throughput:			
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit S of site building		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000169860	***Accuracy:***	25
ST Fac ID:	310495548	***Reference Point:***	STORAGE TANK
Unique ID:	1963	***Congress:***	1
Legend Type:	19	***St House:***	031
Public View:	1	***St Senate:***	16
Field Office (FO):	1	***HUC:***	070801020906
Supplemental Loc:		***X:***	-91.29096398527956
Staff Name:	Cardinale	***Y:***	42.108389607082046
Class Date:	2001-04-24 24:00:00 UTC	***X Coord:***	641300
Collection Date:	2004-01-23 24:00:00 UTC	***Y Coord:***	4663224
Status Start Date:	1986-04-29 24:00:00 UTC	***Latitude:***	42.10839
Collected by:	hcline	***Longitude:***	-91.29096
Map Label Name:	8LTK31		
Collection Method:	INTERPOLATION-PHOTO		
Verified:			
Comment:	Tank pit S of site building		
Hyperlink:			

Affiliation Information

Type:	Leak Contact
Title:	
Org Duns:	
Name:	GEORGE CAMPBELL
Org Name:	

Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Recorder
Title:
Org Duns:
Name: SCHRUNK
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Reporter
Title:
Org Duns:
Name: GEORGE CAMPBELL
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Responsible Party
Title:
Org Duns:
Name: GEORGE CAMPBELL
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Initial Release - Cause

Leak Cause: Unknown

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked:

Leaked Product: Waste Oil
Amount Leaked:

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 3390
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 22-Jan-1991 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

Certificate Information

Type: LUST
NFA Letter Date: 24-Apr-2001 00:00:00
Request Date: 18-Jan-2002 00:00:00
Certificate Date: 05-Feb-2002 00:00:00
NFA Certifcat Sent: 07-Feb-2002 00:00:00
Legal Description: COMMENCING ON THE WEST LINE OF GEO. H. WALWORTH'S ADDITION IN THE TOWN OF ANAMOSA, JONES COUNTY, IOWA, ON THE NORTH LINE OF ORIGINAL MAIN STREET, THENCE SOUTH 89 DEGREES 30' EAST 184 FEET, THENCE NORTH 0 DEGREES 25' EAST 5.62 FEET TO THE POINT OF BEGINNING BEING THE NEW NORTHERLY STREET LINE OF MAIN STREET, THENCE CONTINUING NORTH 0 DEGREES 25' EAST 118.98 FEET TO THE SOUTHWEST CORNER OF THE PUBLIC ALLEY IN BLOCK 1 OF L. OSBORN'S SUBDIVISION, THENCE NORTH 88 DEGREES 57' EAST ALONG THE SOUTHERLY LINE OF SAID PUBLIC ALLEY 130.4 FEET TO THE WESTERLY STREET LINE OF JACKSON STREET, THENCE SOUTH 0 DEGREES 23' WEST ALONG THE WEST STREET LINE OF JACKSON STREET 120.45 FEET TO THE SAID NEW NORTHERLY STREET LINE OF MAIN STREET, THENCE SOUTH 89 DEGREES 36' WEST 130.4 FEET ALONG SAID STREET LINE TO THE POINT OF BEGINNING, BEING ALL THAT PART OF LOTS 1, 2, 3, 4, 5 AND 6 IN BLOCK 1, L. OSBORN'S SUBDIVISION IN THE TOWN OF ANAMOSA, IOWA, EXCEPT THE PARTS OF SAID LOTS WHICH ENCROACH ON MAIN STREET AND ON JACKSON STREET.
Technical Controls:

Coordinator ID: 1
Staff Name:
Staff Phone No:
CC Send To:
Coordinator: Rochelle Cardinale

Groundwater Professionals - Assessment

IND ID: 44678
IND Phone No: 0000000000
IND Phone Ext: none
IND Phone Desc: Home
Due Date: 14-Jun-1999 00:00:00
Received Date: 23-Jun-1999 00:00:00
Org Name: TETRA TECH INC
Name: ANDREW B HIGH
Mail Address: 2213 LAPORTE RD
Mail Address 2:
Mail State: IA
Mail City: WATERLOO
Mail Zip: 50702-
Email: ahigh@maximusa.com

ORG ID: 21774
ORG Phone No: 3192330441 / 3192333269
ORG Phone Ext: none / none
ORG Phone Desc: Business / Fax

Initial Tracking Information

Initial Trackin ID:	4169	***Assess Approvd Dt:***	
Start Date:	15-Feb-1991 00:00:00	***Cleanup Due Date:***	13-Jul-1994 00:00:00
Site Check Due Dt:		***Cleanup Rcvd Date:***	13-Dec-1994 00:00:00
Site Check Rcvd Dt:		***Cleanup Apprvd Dt:***	22-Feb-1995 00:00:00
Site Check Appr Dt:		***Created Date:***	08-Jan-2007 21:54:26
Site Check Rjct Dt:		***Created by:***	lustsiteclass
Assessment Due Dt:		***Last Changed:***	08-Jan-2007 21:54:26
Assessment Rcvd Dt:		***Changed By:***	lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID:	6570	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:	07-Dec-2000 00:00:00	***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	4293	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:		***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:			

Tier 1

Tier 1 ID:	4169
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	4169
Actual-Drinking Water Well:	NFA
Potential-Non-Drink Water Well:	NFA
Potential-Protected Grndwtr:	NFA
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	NFA
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	NFA

Tier 2 Dates

Due Date:		***Rejected Date:***	
Received Date:	16-Dec-1999 00:00:00	***Reviewed By:***	
Accepted Date:	24-Feb-2000 00:00:00	***GWP:***	

Free Product Report

Letter Sent Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

FP Recovery End Date:
Reporting Frequency:
Free Product ID: 4169

Classification

Priority Ranking: Very High
Risk Class Date: 24-Apr-2001 00:00:00
Risk Class Desc: No Action
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:

Cleanup Start Date: 22-Feb-1995 00:00:00
Cleanup Compl Dt: 24-Apr-2001 00:00:00
Inst Ctrl Obtained: 0
IC Date:
IC Type:

Site Monitoring Report

Type:
Due Date: 30-Oct-2000 00:00:00
Received Date: 07-Dec-2000 00:00:00
Approved Date:
Rejected Date:

Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type:
Due Date: 30-Oct-2001 00:00:00
Received Date: 18-Apr-2001 00:00:00
Approved Date:
Rejected Date:

Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Remediation Report

Remediatn Tech ID: 4222
UIC Permit Date:

DNR LUST Search Result

Leak No: 8LTK31
Leak Classification: No Action Required
DC:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of1	SSW	0.32 / 1,683.27	802.93 / -68	CASEY'S GENERAL STORE 626 W MAIN Anamosa IA 522050000	LUST

LUST ID: 3043
Leak No: 7LTU43
Registration: 198606517
No of LUSTs: 1
Spill No:
Spill Date:
UST Name : CASEY'S GENERAL STORE
Address 1 : 626 W MAIN
Address 2 :
City: Anamosa
Zip: 522050000
County: Jones
Loc Supplement:
Fac Name (Map): Casey's General Store
Loc Address (Map): 626 W MAIN
City Name (Map): Anamosa
Loc Zip (Map): 52205
County Name (Map): Jones

LUST Status: No Action Required
Leak Status: Unknown
Op Status: Regulated Tanks R/F
Status Start: 723081600000
Latitude: 42.10828
Longitude: -91.29230

Loc Supplem (Map):	
Name (Web):	CASEY'S GENERAL STORE
Address (Web):	626 W MAIN
City (Web):	Anamosa
Zip (Web):	522050000
Data Source:	DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

Facility Details

UST ID:	6828	***Township Name:***	
Loc ID:	65412	***Tier:***	
Start Date:	17-Sep-1990 00:00:00	***Range :***	
Date Recorded:	16-Sep-1990 00:00:00	***Range Dir:***	
Dt Reported:	04-Sep-1990 00:00:00	***Sectn:***	
Dt Discovered:		***Zone UTM:***	15
Dt Disc Time:		***Geom Type Name:***	Point
Dt Occur:		***Accuracy:***	25
Dt Occu Time:		***Datum Name:***	NAD83
Lead:	State Fund	***Datum Descr:***	North American Datum of 1983
Coordinate ID:	2	***Scale:***	
Staff ID:	6925	***Collect Date:***	16-Oct-2003 00:00:00
Method Description:		***Collect By:***	jbjungma
Tanks Removed:	0	***Vert Measure:***	
Owner Type:	Private/Corporate	***Vcolmth ID:***	
Fac Desc:	Self Assurance	***Vdatum ID:***	
Policy No:		***Vaccuracy:***	
Policy St Dt:	24-Aug-2001 00:00:00	***Congress Dist:***	1
Policy End Dt:	24-Aug-2002 00:00:00	***State House Dist:***	031
Regist Sign Dt:	30-Nov-1992 00:00:00	***HUC Code:***	070801020906
Prohibition St Dt:		***Ind Full Name:***	Rochelle Cardinale
Prohibition End Dt:		***Staff Name:***	Kate Meyer
Operations:		***X Coord:***	641190
Derived Addr:		***Y Coord:***	4663210
Tribal Lnd ID:			
Insurers Name:	CASEY'S MARKETING CO		
Facility Throughput:			
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Center of Facility		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	LUST file map		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000173392	***Accuracy:***	25
ST Fac ID:	310609197	***Reference Point:***	CENTER OF FACILITY
Unique ID:	5341	***Congress:***	1
Legend Type:	19	***St House:***	031
Public View:	1	***St Senate:***	16
Field Office (FO):	1	***HUC:***	070801020906
Supplemental Loc:		***X:***	-91.2922972565942
Staff Name:	Meyer	***Y:***	42.10828337683135
Class Date:	2007-08-22 24:00:00 UTC	***X Coord:***	641190
Collection Date:	2003-10-16 24:00:00 UTC	***Y Coord:***	4663210
Status Start Date:	1992-11-30 24:00:00 UTC	***Latitude:***	42.10828
Collected by:	jbjungma	***Longitude:***	-91.2923
Map Label Name:	7LTU43		
Collection Method:	INTERPOLATION-PHOTO		
Verified:			
Comment:	LUST file map		
Hyperlink:			

Affiliation Information

Type: Leak Contact
Title:
Org Duns:
Name: JILL REAMS-WIDDER
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Recorder
Title:
Org Duns:
Name: SCHWIETE
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Initial Release - Cause

Leak Cause: Unknown

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked: 0

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 1977
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 17-Sep-1990 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

28 E Information

Priority No:	1	***Staff ID:***	1
Type:	CADR CA - STATE LEAD	***Staff:***	Rochelle Cardinale
Part of State:	EASTERN	***Start Date:***	
State Lead:	Prospective	***Removed?:***	-1
RFP No:		***Date Removed:***	
RP Description:	UNABLE TO PAY		
Access Agreement Mail Dt:			
Owner Signed Access:			
Signed Access to Contractor Dt:			
Contractor Signs Access:			
Final Access Mailed to Owner:			
No Further Req Date:			
Reason:	Commingled plume (8LTG00)		

Groundwater Professionals - Assessment

IND ID:	44281	***ORG ID:***	21377
IND Phone No:	0000000000	***ORG Phone No:***	5152518723
IND Phone Ext:	none	***ORG Phone Ext:***	none
IND Phone Desc:	Home	***ORG Phone Desc:***	Business
Due Date:	29-Oct-1990 00:00:00		
Received Date:	14-Dec-1990 00:00:00		
Org Name:	ARRO CONSULTING		
Name:	ERIC ARRO		
Mail Address:	4595 LOCKNER		
Mail Address 2:			
Mail State:	IA		
Mail City:	URBANDALE		
Mail Zip:	50322-		
Email:	earro@aol.com		

Initial Tracking Information

Initial Trackin ID:	148	***Assess Approvd Dt:***	
Start Date:	09-Oct-1990 00:00:00	***Cleanup Due Date:***	
Site Check Due Dt:		***Cleanup Rcvd Date:***	
Site Check Rcvd Dt:		***Cleanup Apprvd Dt:***	
Site Check Appr Dt:		***Created Date:***	08-Jan-2007 21:54:26
Site Check Rjct Dt:		***Created by:***	lustsiteclass
Assessment Due Dt:		***Last Changed:***	08-Jan-2007 21:54:26
Assessment Rcvd Dt:		***Changed By:***	lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID:	7796	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:	03-Oct-2002 00:00:00	***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	8892	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:	05-Nov-2003 00:00:00	***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	3167	***Created Date:***	08-Jan-2007 21:54:27
Due Date:	20-Aug-1997 00:00:00	***Created By:***	lustsiteclass
Received Date:		***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass

Title:

IT Miscellaneos ID:	9678	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:	01-Oct-2004 00:00:00	***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	6594	***Created Date:***	08-Jan-2007 21:54:27
Due Date:		***Created By:***	lustsiteclass
Received Date:	22-Dec-2000 00:00:00	***Last Changed:***	08-Jan-2007 21:54:27
Other:		***Changed By:***	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

Tier 1

Tier 1 ID:	148
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	148
Actual-Drinking Water Well:	Low
Potential-Non-Drink Water Well:	Low
Potential-Protected Grndwtr:	Low
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	NFA
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	Low Risk

Tier 2 Dates

Due Date:	28-Dec-2000 00:00:00	***Rejected Date:***	
Received Date:	22-Dec-2000 00:00:00	***Reviewed By:***	Rochelle Cardinale
Accepted Date:	26-Mar-2001 00:00:00	***GWP:***	

Free Product Report

Letter Sent Date:	
FP Recovery End Date:	
Reporting Frequency:	
Free Product ID:	148

Bedrock Report

Bedrock Type ID:	3	***GIS Survey:***	-1
Category:	Nongranular	***LUST Bedrock ID:***	139
Sampl Water Supply:	-1		

Water Supplies for a Bedrock LUST Site

Water Supply ID: 11
Water Supply: CITY OF ANAMOSA
Source: UNKNOWN
PWS ID: UNKNOWN
Permit:
Depth:

Classification

Priority Ranking: Low Risk (proposed)
Risk Class Date: 22-Aug-2007 00:00:00
Risk Class Desc: No Action
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:
Cleanup Start Date: 07-Feb-1995 00:00:00
Cleanup Compl Dt: 22-Aug-2007 00:00:00
Inst Ctrl Obtained: -1
IC Date:
IC Type: LOCAL ORDINANCES

Site Monitoring Report

Type: Low Risk
Due Date: 30-Oct-2002 00:00:00
Received Date: 03-Oct-2002 00:00:00
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type: Reclassification
Due Date: 30-Oct-2005 00:00:00
Received Date: 21-Jan-2005 00:00:00
Approved Date:
Rejected Date: 02-Jul-2007 00:00:00
Reviewed Date: BRAD WADE
Reclass Request: NFA
Reviewer ID: 6925
Reviewed By: Kate Meyer

Type: Low Risk
Due Date: 30-Oct-2004 00:00:00
Received Date: 01-Oct-2004 00:00:00
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type: Reclassification
Due Date: 20-Aug-2007 00:00:00
Received Date: 17-Aug-2007 00:00:00
Approved Date: 22-Aug-2007 00:00:00
Rejected Date:
Reviewed Date: BRAD WADE
Reclass Request: NFA
Reviewer ID: 6925
Reviewed By: Kate Meyer

Type: Low Risk
Due Date: 30-Oct-2003 00:00:00
Received Date: 05-Nov-2003 00:00:00
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type: Pre-RBCA
Due Date: 30-Oct-1999 00:00:00
Received Date: 18-Aug-1999 00:00:00
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Remediation Report

Remediatn Tech ID: 3082
UIC Permit Date:

DNR LUST Search Result

Leak No: 7LTU43

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Leak Classification: No Action Required
DC:

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10 | **1 of1** | **SSW** | **0.32 / 1,693.36** | **802.59 / -68** | **FORMER TAPKEN'S CONVENIENCE STORE**
619 W MAIN
Anamosa IA 522050000 | **LUST**

LUST ID:	4891	**LUST Status:**	High Risk
Leak No:	8LTG00	**Leak Status:**	
Registration:	198811292	**Op Status:**	Regulated Tanks R/F
No of LUSTs:	1	**Status Start:**	578275200000
Spill No:		**Latitude:**	42.10796
Spill Date:		**Longitude:**	-91.29200

UST Name : FORMER TAPKEN'S CONVENIENCE STORE
Address 1 : 619 W MAIN
Address 2 :
City: Anamosa
Zip: 522050000
County: Jones
Loc Supplement:
Fac Name (Map): Former Tapken's Convenience Store
Loc Address (Map): 619 W MAIN
City Name (Map): Anamosa
Loc Zip (Map): 52205
County Name (Map): Jones
Loc Supplem (Map):
Name (Web): FORMER TAPKEN'S CONVENIENCE STORE
Address (Web): 619 W MAIN
City (Web): Anamosa
Zip (Web): 522050000
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

Facility Details

UST ID:	11102	**Township Name:**	
Loc ID:	67390	**Tier:**	
Start Date:	20-Nov-1990 00:00:00	**Range :**	
Date Recorded:	31-Oct-1990 00:00:00	**Range Dir:**	
Dt Reported:	29-Oct-1990 00:00:00	**Sectn:**	
Dt Discovered:		**Zone UTM:**	15
Dt Disc Time:		**Geom Type Name:**	Point
Dt Occur:		**Accuracy:**	25
Dt Occu Time:		**Datum Name:**	NAD83
Lead:	State Fund	**Datum Descr:**	North American Datum of 1983
Coordinate ID:	6983	**Scale:**	
Staff ID:	17	**Collect Date:**	14-Nov-2003 00:00:00
Method Description:		**Collect By:**	hcline
Tanks Removed:	0	**Vert Measure:**	
Owner Type:	Private/Corporate	**Vcolmth ID:**	
Fac Desc:	No Financial Responsibility	**Vdatum ID:**	
Policy No:		**Vaccuracy:**	
Policy St Dt:		**Congress Dist:**	1
Policy End Dt:		**State House Dist:**	031
Regist Sign Dt:	29-Apr-1988 00:00:00	**HUC Code:**	070801020906
Prohibition St Dt:		**Ind Full Name:**	Ruth Hummel
Prohibition End Dt:		**Staff Name:**	Ruth Hummel
Operations:		**X Coord:**	641215
Derived Addr:		**Y Coord:**	4663175
Tribal Lnd ID:			

Insurers Name: None
Facility Throughput:
Pressurized Deliv ID:
State Senated Dstrict: 16
Ref pnt Txt: Storage tank
Ref Pnt Desc:

Loc Supplement:
Loc Comment: Tank pit 30' W of site building
Collection Method: interpolation-photo
Verify Txt:

Facility Details (Open Data)

Loc ID:	20000173076	***Accuracy:***	25
ST Fac ID:	310599441	***Reference Point:***	STORAGE TANK
Unique ID:	5046	***Congress:***	1
Legend Type:	19	***St House:***	031
Public View:	1	***St Senate:***	16
Field Office (FO):	1	***HUC:***	070801020906
Supplemental Loc:		***X:***	-91.29200347051889
Staff Name:	Hummel	***Y:***	42.10796379008779
Class Date:	2007-07-18 24:00:00 UTC	***X Coord:***	641215
Collection Date:	2003-11-14 24:00:00 UTC	***Y Coord:***	4663175
Status Start Date:	1988-04-29 24:00:00 UTC	***Latitude:***	42.10796
Collected by:	hcline	***Longitude:***	-91.292

Map Label Name: 8LTG00
Collection Method: INTERPOLATION-PHOTO
Verified:
Comment: Tank pit 30' W of site building
Hyperlink:

Affiliation Information

Type: Leak Recorder
Title:
Org Duns:
Name: SCHWIETE
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Reporter
Title:
Org Duns:
Name: EVERETT JOSLIN
Org Name: JOSLIN ENTERPRISES LTD
Mail Address: 619 WEST MAIN
Mail Address 2:
Mail Supp:
Mail City: ANOMAS
Mail State: IA
Mail Zip: 522050000
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Contact
Title:
Org Duns:
Name: LYNN AND LYNNETTE ROWEN
Org Name:
Mail Address: 200 SOUTH WILLIAMS STREET
Mail Address 2:
Mail Supp:

Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	12-Oct-2016 00:00:00
Aff End Date:	

Type:	Leak Contact
Title:	
Org Duns:	
Name:	EVERETT JOSLIN
Org Name:	
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	
Mail Zip:	
Email:	
Undeliverable?:	
Aff Start Date:	
Aff End Date:	

Type:	Responsible Party
Title:	
Org Duns:	
Name:	EVERETT JOSLIN
Org Name:	JOSLIN ENTERPRISES LTD
Mail Address:	619 W MAIN
Mail Address 2:	
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	
Aff End Date:	

Type:	Leak Contact
Title:	
Org Duns:	
Name:	ROBERT CUMMINGS
Org Name:	C/O CRAIG ELLIOT
Mail Address:	207 W MAIN
Mail Address 2:	
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	
Aff End Date:	

Initial Release - Cause

Leak Cause:	Unknown

Initial Release - Released Products

Leaked Product:	Gasoline
Amount Leaked:	

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 2965
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 20-Nov-1990 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

28 E Information

Priority No: 1
Type: CADR CA - STATE LEAD
Part of State: EASTERN
State Lead: Prospective
RFP No:
RP Description: UNKNOWN
Access Agreement Mail Dt:
Owner Signed Access:
Signed Access to Contractor Dt:
Contractor Signs Access:
Final Access Mailed to Owner:
No Further Req Date:
Reason: Commingled plume (7LTU43)

Staff ID: 1
Staff: Rochelle Cardinale
Start Date:
Removed?: -1
Date Removed:

Groundwater Professionals - Assessment

IND ID: 44144
IND Phone No: 0000000000
IND Phone Ext: none
IND Phone Desc: Home
Due Date: 20-Apr-1992 00:00:00
Received Date: 10-Feb-1994 00:00:00
Org Name: GEOSOURCE INC
Name: SCOTT BEHRENDS
Mail Address: 15331 130TH AVE
Mail Address 2:
Mail State: IA
Mail City: MONTICELLO
Mail Zip: 52310-8321
Email: geosourceinc1@gmail.com

ORG ID: 21240
ORG Phone No: 3194652030 / 3194652040
ORG Phone Ext: none / none
ORG Phone Desc: Business / Fax

Initial Tracking Information

Initial Trackin ID: 4891
Start Date: 07-Feb-1991 00:00:00
Site Check Due Dt:
Site Check Rcvd Dt:
Site Check Appr Dt:
Site Check Rjct Dt:

Assess Approvd Dt:
Cleanup Due Date:
Cleanup Rcvd Date:
Cleanup Apprvd Dt:
Created Date: 08-Jan-2007 21:54:26
Created by: lustsiteclass

Assessment Due Dt: ***Last Changed:*** 08-Jan-2007 21:54:26
Assessment Rcvd Dt: ***Changed By:*** lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID: 5015 ***Created Date:*** 08-Jan-2007 21:54:27
Due Date: 20-Aug-1997 00:00:00 ***Created By:*** lustsiteclass
Received Date: ***Last Changed:*** 08-Jan-2007 21:54:27
Other: ***Changed By:*** lustsiteclass
Title:

IT Miscellaneos ID: 15113 ***Created Date:*** 18-Jul-2011 10:04:19
Due Date: ***Created By:*** dawn.santamaria@dnr.iowa.gov
Received Date: 18-Jul-2011 00:00:00 ***Last Changed:*** 18-Jul-2011 10:04:19
Other: ***Changed By:*** dawn.santamaria@dnr.iowa.gov
Title: RCVD MTBE VIA EMAIL

IT Miscellaneos ID: 13633 ***Created Date:*** 04-Feb-2009 12:49:02
Due Date: ***Created By:*** Bonnie.Garrison
Received Date: 04-Feb-2009 00:00:00 ***Last Changed:*** 05-Feb-2009 08:25:31
Other: ***Changed By:*** Bonnie.Garrison
Title: REC'D MTBE PER E-MAIL

IT Miscellaneos ID: 7475 ***Created Date:*** 08-Jan-2007 21:54:27
Due Date: ***Created By:*** lustsiteclass
Received Date: 19-Mar-2002 00:00:00 ***Last Changed:*** 08-Jan-2007 21:54:27
Other: ***Changed By:*** lustsiteclass
Title: MTBE WORKSHEET& DISK

IT Miscellaneos ID: 12899 ***Created Date:*** 11-Feb-2008 10:24:47
Due Date: ***Created By:*** Bonnie.Garrison
Received Date: 21-Feb-2008 00:00:00 ***Last Changed:*** 21-Feb-2008 14:25:29
Other: ***Changed By:*** Bonnie.Garrison
Title: REC'D MTBE PER E-MAIL

IT Miscellaneos ID: 6476 ***Created Date:*** 08-Jan-2007 21:54:27
Due Date: ***Created By:*** lustsiteclass
Received Date: 01-Nov-2000 00:00:00 ***Last Changed:*** 08-Jan-2007 21:54:27
Other: ***Changed By:*** lustsiteclass
Title: MTBE WORKSHEET & DISK

IT Miscellaneos ID: 15960 ***Created Date:*** 10-Jan-2013 10:31:51
Due Date: ***Created By:*** dawn.santamaria@dnr.iowa.gov
Received Date: 10-Jan-2013 00:00:00 ***Last Changed:*** 10-Jan-2013 10:31:51
Other: ***Changed By:*** dawn.santamaria@dnr.iowa.gov
Title: Rcvd MTBE file via email

IT Miscellaneos ID: 15916 ***Created Date:*** 11-Dec-2012 11:12:04
Due Date: 31-May-2012 00:00:00 ***Created By:*** ruth.hummel@dnr.iowa.gov
Received Date: ***Last Changed:*** 11-Dec-2012 11:12:04
Other: ***Changed By:*** ruth.hummel@dnr.iowa.gov
Title: Overexcavation/SVE Install Report

IT Miscellaneos ID: 16725 ***Created Date:*** 06-Oct-2014 10:44:07
Due Date: ***Created By:*** Santa Maria.Dawn
Received Date: 06-Oct-2014 00:00:00 ***Last Changed:*** 06-Oct-2014 10:44:07
Other: ***Changed By:*** Santa Maria.Dawn
Title: Rcvd MTBE file via email

IT Miscellaneos ID: 8144 ***Created Date:*** 08-Jan-2007 21:54:27
Due Date: ***Created By:*** lustsiteclass
Received Date: 23-Jan-2003 00:00:00 ***Last Changed:*** 08-Jan-2007 21:54:27
Other: ***Changed By:*** lustsiteclass
Title: MTBE WORKSHEET & DISK

Tier 1

Tier 1 ID: 4891
Actual-Drinking Water Well: 0
Potential-Non-Drink Water Well: 0
Potential-Protected Grndwtr: 0
Grndwtr Vap to Enclose Space: 0
Grndwtr to Plastic Water Line: 0
Surface Water: 0
Soil Leaching to Groundwater: 0
Soil Vapor to Enclosed Space: 0
Soil to Plastic Water Line: 0
Consultant Recommends:

Tier 2

Tier 2 ID: 4891
Actual-Drinking Water Well: NFA
Potential-Non-Drink Water Well: NFA
Potential-Protected Grndwtr: NFA
Grndwtr Vap to Enclose Space: High
Grndwtr to Plastic Water Line: High
Surface Water-General Use: NFA
Surface Water-Designated Use: NFA
Soil Leaching to Groundwater: NFA
Soil Vapor to Enclosed Space: High
Soil to Plastic Water Line: High
Consultant Recommends: High Risk

Tier 2 Dates

Due Date: 05-Feb-2007 00:00:00
Received Date: 17-Jan-2007 00:00:00
Accepted Date: 18-Jul-2007 00:00:00
Rejected Date:
Reviewed By: Ruth Hummel
GWP: SCOTT BEHRENDS

Due Date: 01-Nov-2000 00:00:00
Received Date: 01-Nov-2000 00:00:00
Accepted Date:
Rejected Date: 12-Dec-2000 00:00:00
Reviewed By:
GWP:

Due Date: 12-Mar-2001 00:00:00
Received Date: 15-Mar-2002 00:00:00
Accepted Date: 03-Apr-2002 00:00:00
Rejected Date:
Reviewed By:
GWP:

Free Product Report

Letter Sent Date: 25-Jun-1993 00:00:00
FP Recovery End Date:
Reporting Frequency:
Free Product ID: 4891

Bedrock Report

Bedrock Type ID: 1
Category: Exempt Granular
Sampl Water Supply: 0
GIS Survey: 0
LUST Bedrock ID: 288

Classification

Priority Ranking: High Risk (proposed)
Risk Class Date: 18-Jul-2007 00:00:00
Risk Class Desc: High Risk
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
Cleanup Start Date: 07-Feb-1995 00:00:00
Cleanup Compl Dt:
Inst Ctrl Obtained: 0
IC Date: 18-Mar-2020 00:00:00
IC Type: LOCAL ORDINANCES

No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA: 0

Site Monitoring Report

Type:
Due Date: 30-Oct-2017 00:00:00
Received Date:
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type: High Risk/Interim
Due Date: 30-Oct-2008 00:00:00
Received Date: 30-Jan-2009 00:00:00
Approved Date: 10-Dec-2012 00:00:00
Rejected Date:
Reviewed Date: SCOTT BEHRENDS
Reclass Request:
Reviewer ID: 17
Reviewed By: Ruth Hummel

Type: High Risk/Interim
Due Date: 30-Oct-2011 00:00:00
Received Date: 07-Jul-2011 00:00:00
Approved Date: 10-Dec-2012 00:00:00
Rejected Date:
Reviewed Date: SCOTT BEHRENDS
Reclass Request:
Reviewer ID: 17
Reviewed By: Ruth Hummel

Type: High Risk/Interim
Due Date: 31-Dec-2012 00:00:00
Received Date: 10-Jan-2013 00:00:00
Approved Date: 08-Jan-2015 00:00:00
Rejected Date:
Reviewed Date: SCOTT BEHRENDS
Reclass Request:
Reviewer ID: 7119
Reviewed By: MATTHEW GRAESCH

Type: High Risk/Interim
Due Date: 30-Oct-2007 00:00:00
Received Date: 05-Feb-2008 00:00:00
Approved Date: 11-Feb-2008 00:00:00
Rejected Date:
Reviewed Date: SCOTT BEHRENDS
Reclass Request:
Reviewer ID: 17
Reviewed By: Ruth Hummel

Type: High Risk/Interim
Due Date: 30-Oct-2005 00:00:00
Received Date:
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type:
Due Date: 30-Oct-2018 00:00:00
Received Date:
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type:
Due Date: 30-Oct-2016 00:00:00
Received Date:
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type:
Due Date: 30-Oct-2010 00:00:00
Received Date:
Approved Date:
Rejected Date:
Reviewed Date:
Reclass Request:
Reviewer ID:
Reviewed By:

Type: Low Risk
Due Date: 30-Oct-2003 00:00:00
Received Date: 11-Jan-2007 00:00:00
Approved Date: 18-Jul-2007 00:00:00
Rejected Date:
Reviewed Date: SCOTT BEHRENDS
Reclass Request:
Reviewer ID: 17
Reviewed By: Ruth Hummel

Type: High Risk/Interim
Due Date: 05-Feb-2007 00:00:00
Received Date: 12-Jan-2007 00:00:00
Reviewed Date: SCOTT BEHRENDS
Reclass Request: High Risk
Reviewer ID: 17

Approved Date:	18-Jul-2007 00:00:00	***Reviewed By:***	Ruth Hummel
Rejected Date:			
Type:	Reclassification	***Reviewed Date:***	SCOTT BEHRENDS
Due Date:	30-Oct-2019 00:00:00	***Reclass Request:***	NFA
Received Date:	18-Mar-2020 00:00:00	***Reviewer ID:***	17
Approved Date:		***Reviewed By:***	Ruth Hummel
Rejected Date:	06-May-2020 00:00:00		
Type:		***Reviewed Date:***	
Due Date:	15-Jul-2020 00:00:00	***Reclass Request:***	
Received Date:		***Reviewer ID:***	
Approved Date:		***Reviewed By:***	
Rejected Date:			
Type:		***Reviewed Date:***	
Due Date:	30-Oct-2015 00:00:00	***Reclass Request:***	
Received Date:		***Reviewer ID:***	
Approved Date:		***Reviewed By:***	
Rejected Date:			
Type:		***Reviewed Date:***	
Due Date:	30-Oct-2009 00:00:00	***Reclass Request:***	
Received Date:		***Reviewer ID:***	
Approved Date:		***Reviewed By:***	
Rejected Date:			
Type:	High Risk/Interim	***Reviewed Date:***	SCOTT BEHRENDS
Due Date:	30-Oct-2014 00:00:00	***Reclass Request:***	High Risk
Received Date:	16-Oct-2014 00:00:00	***Reviewer ID:***	7119
Approved Date:	08-Jan-2015 00:00:00	***Reviewed By:***	MATTHEW GRAESCH
Rejected Date:			
Type:	Reclassification	***Reviewed Date:***	SCOTT BEHRENDS
Due Date:	30-Oct-2004 00:00:00	***Reclass Request:***	High Risk
Received Date:	11-Jan-2007 00:00:00	***Reviewer ID:***	17
Approved Date:	18-Jul-2007 00:00:00	***Reviewed By:***	Ruth Hummel
Rejected Date:			
Type:	Low Risk	***Reviewed Date:***	
Due Date:	30-Oct-2002 00:00:00	***Reclass Request:***	
Received Date:	23-Jan-2003 00:00:00	***Reviewer ID:***	
Approved Date:	06-Feb-2003 00:00:00	***Reviewed By:***	
Rejected Date:			

Remediation Report

Remediatn Tech ID:	4948
UIC Permit Date:	

Remediation Report - Over Excavation

Remed Over Exc ID:	1091
Over Excavation ID:	2
Description:	Land Application

Remediation Report - Soil Venting

Remed Soil Vent ID:	281
Soil Venting ID:	2
Description:	Active

Remediation Sub Information

CA Design Rprt ID:	2240	**GWP ID:**	6012
Due Date:	10-Dec-2012 00:00:00	**Created Date:**	11-Dec-2012 11:13:42
Received Date:	10-Dec-2012 00:00:00	**Created By:**	ruth.hummel@dnr.iowa.gov
Approved Date:	10-Dec-2012 00:00:00	**Last Changed:**	24-Oct-2022 14:35:49
Rejected Date:		**Changed By:**	Hummel.Ruth
Remed Start Date:	15-Sep-2013 00:00:00	**Review Status:**	
Remed Completed:	17-Aug-2013 00:00:00	**Prpsed Initiate Dt:**	
Reviewed By:	17	**CA Tech ID:**	7
Tech Notes:	1,554 cy OE		

Correction Action / Tier 3

Proess Initiate ID:	1
Initiate Date:	18-Jul-2007 00:00:00
Initiator:	DNR

CA Tier 3 Meetings

Schedule ID:	3919	**Meeting Date:**	
Type:	OE Report	**MOA Sent:**	
Due Date:	31-May-2013 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	3916	**Meeting Date:**	
Type:	SMR - Interim	**MOA Sent:**	
Due Date:	31-Dec-2012 00:00:00	**Reviewed By:**	Ruth Hummel
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	3917	**Meeting Date:**	
Type:	Budget Due	**MOA Sent:**	
Due Date:	15-Jan-2013 00:00:00	**Reviewed By:**	Ruth Hummel
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	2556	**Meeting Date:**	
Type:	Fund Decision of CA Budget	**MOA Sent:**	
Due Date:	07-Sep-2007 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	2606	**Meeting Date:**	
Type:	Other Milestones	**MOA Sent:**	
Due Date:	14-Dec-2007 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	4326	**Meeting Date:**	
Type:	SMR - Interim	**MOA Sent:**	
Due Date:	15-Jun-2015 00:00:00	**Reviewed By:**	MATTHEW GRAESCH
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	3918	**Meeting Date:**	
Type:	Fund Decision of CA Budget	**MOA Sent:**	
Due Date:	29-Jan-2013 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	2555	**Meeting Date:**	
Type:	Budget Due	**MOA Sent:**	
Due Date:	31-Aug-2007 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	4287	**Meeting Date:**	05-May-2015 00:00:00
Type:	Additional Meeting	**MOA Sent:**	
Due Date:	21-Apr-2015 00:00:00	**Reviewed By:**	MATTHEW GRAESCH
Received Date:		**Grd Wtr Profession:**	
Schedule ID:	3912	**Meeting Date:**	10-Dec-2012 00:00:00
Type:	CA Scope Budget Section	**MOA Sent:**	
Due Date:		**Reviewed By:**	Ruth Hummel
Received Date:		**Grd Wtr Profession:**	

Schedule ID:	2558	**Meeting Date:**	
Type:	Budget Due	**MOA Sent:**	
Due Date:	15-Oct-2007 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	

Schedule ID:	2559	**Meeting Date:**	
Type:	Other Milestones	**MOA Sent:**	
Due Date:	25-Oct-2007 00:00:00	**Reviewed By:**	
Received Date:		**Grd Wtr Profession:**	

Schedule ID:	2511	**Meeting Date:**	27-Aug-2007 00:00:00
Type:	Post T2 Eval Work Sheet	**MOA Sent:**	
Due Date:	13-Aug-2007 00:00:00	**Reviewed By:**	
Received Date:	22-Aug-2007 00:00:00	**Grd Wtr Profession:**	

Documents

Document ID:	516
File Name:	8LTG00_12-10-12_CA Notes.doc
File Description:	

Document ID:	5552
File Name:	8LTG00 1.17.20 NNC OD SMRs.doc
File Description:	Notice of Noncompliance - Overdue SMS

Document ID:	5753
File Name:	8LTG00 3.18.20 IC.pdf
File Description:	Institutional Control Documentation - Local Well Ordinance

Document ID:	1072
File Name:	8LTG00 SMR and Tier 2 Accept 010815.docx
File Description:	

Document ID:	5725
File Name:	8LTG00 5.6.20 SMR review (3).pdf
File Description:	Site Monitoring Report Review Letter

DNR LUST Search Result

Leak No:	8LTG00
Leak Classification:	High Risk
DC:	

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11 | ***1 of1*** | ***SE*** | ***0.37 / 1,961.20*** | ***825.97 / -45*** | ***VERNON'S CONOCO***
220 E MAIN
Anamosa IA 522050000 | ***LUST***

LUST ID:	4974	**LUST Status:**	No Action Required
Leak No:	8LTP00	**Leak Status:**	
Registration:	198811746	**Op Status:**	Regulated Tanks R/F
No of LUSTs:	1	**Status Start:**	590630400000
Spill No:		**Latitude:**	42.10855
Spill Date:		**Longitude:**	-91.28249

UST Name :	VERNON'S CONOCO
Address 1 :	220 E MAIN
Address 2 :	
City:	Anamosa
Zip:	522050000
County:	Jones
Loc Supplement:	
Fac Name (Map):	Vernon's Conoco
Loc Address (Map):	220 E MAIN
City Name (Map):	Anamosa
Loc Zip (Map):	52205
County Name (Map):	Jones

Loc Supplem (Map):
Name (Web): VERNON'S CONOCO
Address (Web): 220 E MAIN
City (Web): Anamosa
Zip (Web): 522050000
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

Facility Details

UST ID: 11528
Loc ID: 67475
Start Date: 18-Jul-1991 00:00:00
Date Recorded: 17-Jul-1991 00:00:00
Dt Reported: 25-Jun-1991 00:00:00
Dt Discovered: 01-Jan-1990 00:00:00
Dt Disc Time:
Dt Occur:
Dt Occu Time:
Lead: State Fund
Coordinate ID: 6983
Staff ID: 7119
Method Description:
Tanks Removed: 0
Owner Type: Private/Corporate
Fac Desc:
Policy No:
Policy St Dt:
Policy End Dt:
Regist Sign Dt: 19-Sep-1988 00:00:00
Prohibition St Dt:
Prohibition End Dt:
Operations:
Derived Addr:
Tribal Lnd ID:
Insurers Name:
Facility Throughput:
Pressurized Deliv ID:
State Senated Dstrict: 16
Ref pnt Txt: Storage tank
Ref Pnt Desc:
Loc Supplement:
Loc Comment: Tank pit E of Conoco building
Collection Method: interpolation-photo
Verify Txt:

Township Name:
Tier:
Range :
Range Dir:
Sectn:
Zone UTM: 15
Geom Type Name: Point
Accuracy: 25
Datum Name: NAD83
Datum Descr: North American Datum of 1983
Scale:
Collect Date: 14-Nov-2003 00:00:00
Collect By: hcline
Vert Measure:
Vcolmth ID:
Vdatum ID:
Vaccuracy:
Congress Dist: 1
State House Dist: 031
HUC Code: 070801030201
Ind Full Name: Ruth Hummel
Staff Name: MATTHEW GRAESCH
X Coord: 642000
Y Coord: 4663256

Facility Details (Open Data)

Loc ID: 20000173511
ST Fac ID: 310613244
Unique ID: 5455
Legend Type: 19
Public View: 1
Field Office (FO): 1
Supplemental Loc:
Staff Name: GRAESCH
Class Date: 2014-12-11 24:00:00 UTC
Collection Date: 2003-11-14 24:00:00 UTC
Status Start Date: 1988-09-19 24:00:00 UTC
Collected by: hcline
Map Label Name: 8LTP00
Collection Method: INTERPOLATION-PHOTO
Verified:
Comment: Tank pit E of Conoco building
Hyperlink:

Accuracy: 25
Reference Point: STORAGE TANK
Congress: 1
St House: 031
St Senate: 16
HUC: 070801030201
X: -91.2824933168805
Y: 42.10855129508767
X Coord: 642000
Y Coord: 4663256
Latitude: 42.10855
Longitude: -91.28249

Affiliation Information

Type: Leak Contact
Title:
Org Duns:
Name: KEITH VERNON
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Recorder
Title:
Org Duns:
Name: CAMPBELL
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Responsible Party
Title:
Org Duns:
Name: KEITH VERNON
Org Name:
Mail Address: 107 E SYCAMORE
Mail Address 2:
Mail Supp:
Mail City: ANAMOSA
Mail State: IA
Mail Zip: 52205
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Initial Release - Cause

Leak Cause: Unknown

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked:

Leaked Product: Diesel
Amount Leaked:

Leaked Product: Waste Oil
Amount Leaked:

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 3847
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 18-Jul-1991 00:00:00
Owner Broke ID: 1
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

Certificate Information

Type: LUST
NFA Letter Date: 11-Dec-2014 00:00:00
Request Date: 13-May-2015 00:00:00
Certificate Date: 15-May-2015 00:00:00
NFA Certifcat Sent: 15-May-2015 00:00:00
Legal Description:
Technical Controls:

Coordinator ID: 17
Staff Name: Dawn Santa Maria
Staff Phone No: 515.725.8365
CC Send To: Cunningham Lindsey
Coordinator: Ruth Hummel

Groundwater Professionals - Assessment

IND ID: 44144
IND Phone No: 0000000000
IND Phone Ext: none
IND Phone Desc: Home
Due Date: 05-Dec-1998 00:00:00
Received Date: 01-May-2000 00:00:00
Org Name: GEOSOURCE INC
Name: SCOTT BEHRENDS
Mail Address: 15331 130TH AVE
Mail Address 2:
Mail State: IA
Mail City: MONTICELLO
Mail Zip: 52310-8321
Email: geosourceinc1@gmail.com

ORG ID: 21240
ORG Phone No: 3194652030 / 3194652040
ORG Phone Ext: none / none
ORG Phone Desc: Business / Fax

Initial Tracking Information

Initial Trackin ID: 4974
Start Date: 10-Aug-1992 00:00:00
Site Check Due Dt:
Site Check Rcvd Dt:
Site Check Appr Dt:
Site Check Rjct Dt:
Assessment Due Dt:
Assessment Rcvd Dt:

Assess Approvd Dt:
Cleanup Due Date:
Cleanup Rcvd Date:
Cleanup Apprvd Dt:
Created Date: 08-Jan-2007 21:54:26
Created by: lustsiteclass
Last Changed: 08-Jan-2007 21:54:26
Changed By: lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID: 16181
Created Date: 12-Jun-2013 16:04:59

Due Date:		**Created By:**	Santa Maria.Dawn
Received Date:	10-Jun-2013 00:00:00	**Last Changed:**	12-Jun-2013 16:04:59
Other:		**Changed By:**	Santa Maria.Dawn
Title:	Rcvd MTBE file via email		

IT Miscellaneos ID:	16820	**Created Date:**	08-Dec-2014 08:31:48
Due Date:		**Created By:**	Santa Maria.Dawn
Received Date:	08-Dec-2014 00:00:00	**Last Changed:**	08-Dec-2014 08:32:02
Other:		**Changed By:**	Santa Maria.Dawn
Title:	Rcvd MTBE file via email		

IT Miscellaneos ID:	9141	**Created Date:**	08-Jan-2007 21:54:27
Due Date:		**Created By:**	lustsiteclass
Received Date:	27-Jan-2004 00:00:00	**Last Changed:**	08-Jan-2007 21:54:27
Other:		**Changed By:**	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	5098	**Created Date:**	08-Jan-2007 21:54:27
Due Date:		**Created By:**	lustsiteclass
Received Date:	23-Jan-2002 00:00:00	**Last Changed:**	08-Jan-2007 21:54:27
Other:		**Changed By:**	lustsiteclass
Title:	MTBE WORKSHEET & DISK		

IT Miscellaneos ID:	12379	**Created Date:**	10-Sep-2007 14:21:28
Due Date:		**Created By:**	Bonnie.Garrison
Received Date:	10-Sep-2007 00:00:00	**Last Changed:**	02-Oct-2007 09:42:59
Other:		**Changed By:**	Bonnie.Garrison
Title:	REC'D MTBE PER E-MAIL		

Tier 1

Tier 1 ID:	4974
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	4974
Actual-Drinking Water Well:	NFA
Potential-Non-Drink Water Well:	NFA
Potential-Protected Grndwtr:	Low
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	High
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	High Risk

Tier 2 Dates

Due Date:	22-Apr-2000 00:00:00	**Rejected Date:**	
Received Date:	01-May-2000 00:00:00	**Reviewed By:**	
Accepted Date:	15-Jun-2000 00:00:00	**GWP:**	

Free Product Report

Letter Sent Date: 28-Jul-1993 00:00:00
FP Recovery End Date: 11-Dec-2014 00:00:00
Reporting Frequency: QUARTERLY
Free Product ID: 4974

Free Product Recovery Reports

Report Type: Assess
Due Date:
Received Date: 30-Apr-1996 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Recovery
Due Date:
Received Date: 26-Nov-2014 00:00:00
Accepted Date: 11-Dec-2014 00:00:00
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 29-Oct-1994 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 29-Sep-1994 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 18-Oct-1996 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 27-Dec-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 03-Apr-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 17-Mar-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 14-Dec-1994 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date: 15-Apr-1998 00:00:00
Received Date: 23-Apr-1998 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 30-Jul-1996 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 25-Jan-1996 00:00:00
Rejected Date:
Reviewed By:
GWP:

Accepted Date:

Report Type: Assess
Due Date:
Received Date: 16-Oct-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 26-Sep-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 15-May-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 23-Jan-1997 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 26-Jun-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date: 15-Jul-1998 00:00:00
Received Date: 03-Aug-1998 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 12-May-1997 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 29-Nov-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 15-Aug-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 13-Jan-1995 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 19-Jan-1994 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 22-Jan-1996 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Received Date: 03-Feb-1998 00:00:00
Accepted Date:
Rejected Date:
Reviewed By:
GWP:

Report Type: Assess
Due Date:
Rejected Date:
Reviewed By:

Received Date: 15-Aug-1997 00:00:00 ***GWP:***
Accepted Date:

Bedrock Report

Bedrock Type ID: 3 ***GIS Survey:*** 0
Category: Nongranular ***LUST Bedrock ID:*** 234
Sampl Water Supply: 0

Classification

Priority Ranking: No Action (proposed) ***Cleanup Start Date:*** 15-Jun-2000 00:00:00
Risk Class Date: 11-Dec-2014 00:00:00 ***Cleanup Compl Dt:*** 11-Dec-2014 00:00:00
Risk Class Desc: No Action ***Inst Ctrl Obtained:*** 0
Sent to EPA: ***IC Date:***
EPA Case No: ***IC Type:*** LOCAL ORDINANCES
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:

Site Monitoring Report

Type: High Risk/Interim ***Reviewed Date:*** SCOTT BEHRENDS
Due Date: 30-Oct-2014 00:00:00 ***Reclass Request:***
Received Date: 22-Apr-2014 00:00:00 ***Reviewer ID:*** 7119
Approved Date: ***Reviewed By:*** MATTHEW GRAESCH
Rejected Date: 30-May-2014 00:00:00

Type: Bedrock/High Risk ***Reviewed Date:*** SCOTT BEHRENDS
Due Date: ***Reclass Request:***
Received Date: 08-Dec-2014 00:00:00 ***Reviewer ID:*** 7119
Approved Date: 11-Dec-2014 00:00:00 ***Reviewed By:*** MATTHEW GRAESCH
Rejected Date:

Type: High Risk/Interim ***Reviewed Date:*** SCOTT BEHRENDS
Due Date: ***Reclass Request:***
Received Date: 07-Sep-2007 00:00:00 ***Reviewer ID:*** 7022
Approved Date: 22-Nov-2013 00:00:00 ***Reviewed By:*** accepted/ unreviewed
Rejected Date:

Type: High Risk/Interim ***Reviewed Date:***
Due Date: 30-Oct-2003 00:00:00 ***Reclass Request:***
Received Date: 27-Jan-2004 00:00:00 ***Reviewer ID:*** 17
Approved Date: ***Reviewed By:*** Ruth Hummel
Rejected Date: 29-Jan-2004 00:00:00

Type: High Risk/Interim ***Reviewed Date:***
Due Date: 30-Oct-2002 00:00:00 ***Reclass Request:***
Received Date: 23-Jan-2003 00:00:00 ***Reviewer ID:*** 17
Approved Date: ***Reviewed By:*** Ruth Hummel
Rejected Date: 29-Jan-2004 00:00:00

Type: Reclassification ***Reviewed Date:*** SCOTT BEHRENDS
Due Date: ***Reclass Request:*** NFA
Received Date: 10-Jun-2013 00:00:00 ***Reviewer ID:*** 17
Approved Date: ***Reviewed By:*** Ruth Hummel
Rejected Date: 22-Nov-2013 00:00:00

Type: High Risk/Interim ***Reviewed Date:***
Due Date: 30-Oct-2001 00:00:00 ***Reclass Request:***
Received Date: 23-Jan-2002 00:00:00 ***Reviewer ID:*** 17
Approved Date: ***Reviewed By:*** Ruth Hummel
Rejected Date: 29-Jan-2004 00:00:00

Remediation Report

Remediatn Tech ID: 5031
UIC Permit Date:

Remediation Report - Soil Venting

Remed Soil Vent ID: 183
Soil Venting ID: 2
Description: Active

Remediation Sub Information

CA Design Rprt ID: 1712
Due Date:
Received Date:
Approved Date:
Rejected Date:
Remed Start Date:
Remed Completed:
Reviewed By:
Tech Notes:

GWP ID:
Created Date: 08-Jan-2007 21:57:31
Created By: migration
Last Changed: 08-Jan-2007 21:57:31
Changed By: migration
Review Status:
Prpsed Initiate Dt:
CA Tech ID:

CA Design Rprt ID: 3072
Due Date:
Received Date:
Approved Date:
Rejected Date:
Remed Start Date: 10-Oct-2005 00:00:00
Remed Completed: 15-Oct-2007 00:00:00
Reviewed By:
Tech Notes:

GWP ID:
Created Date: 30-Mar-2017 09:11:03
Created By: migration
Last Changed: 30-Mar-2017 09:11:03
Changed By: migration
Review Status:
Prpsed Initiate Dt:
CA Tech ID: 11

CA Design Rprt ID: 1713
Due Date: 26-Oct-2004 00:00:00
Received Date: 25-Oct-2004 00:00:00
Approved Date: 25-Oct-2004 00:00:00
Rejected Date:
Remed Start Date: 10-Oct-2005 00:00:00
Remed Completed:
Reviewed By: 17
Tech Notes:

GWP ID:
Created Date: 08-Jan-2007 21:57:31
Created By: migration
Last Changed: 08-Jan-2007 21:57:31
Changed By: migration
Review Status:
Prpsed Initiate Dt:
CA Tech ID:

Correction Action / Tier 3

Proess Initiate ID: 1
Initiate Date: 10-Sep-2004 00:00:00
Initiator: DNR

CA Tier 3 Meetings

Schedule ID: 34
Type: Post T2 Eval Work Sheet
Due Date: 01-Oct-2004 00:00:00
Received Date:

Meeting Date: 11-Oct-2004 00:00:00
MOA Sent:
Reviewed By: Ruth Hummel
Grd Wtr Profession:

Schedule ID: 1012
Type: Other Milestones
Due Date: 31-Dec-2004 00:00:00
Received Date: 10-Oct-2005 00:00:00

Meeting Date:
MOA Sent:
Reviewed By:
Grd Wtr Profession:

Schedule ID: 519
Type: CA Scope Budget Section
Due Date:

Meeting Date:
MOA Sent: 11-Oct-2004 00:00:00
Reviewed By: Ruth Hummel

Received Date: ***Grd Wtr Profession:***

Documents

Document ID: 490
File Name: ic city ltr 8ltpoo.pdf
File Description:

Document ID: 1020
File Name: 8LTP00 acc NAR 121214.docx
File Description:

Document ID: 858
File Name: 8LTP00 Rej SMR 52914 (2).doc
File Description:

Document ID: 1417
File Name: 8ltp00 file stamped NFA certificate.pdf
File Description:

DNR LUST Search Result

Leak No: 8LTP00
Leak Classification: No Action Required
DC:

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12 | ***1 of1*** | ***SE*** | ***0.38 / 2,026.64*** | ***825.86 / -45*** | ***RED'S TOWING 301 E MAIN STREET Anamosa IA 522020000*** | ***LUST***

LUST ID: 6367
Leak No: 9LTO51
Registration: 198608827
No of LUSTs: 1
Spill No:
Spill Date:
UST Name : RED'S TOWING
Address 1 : 301 E MAIN STREET
Address 2 :
City: Anamosa
Zip: 522020000
County: Jones
Loc Supplement:
Fac Name (Map): Red's Towing
Loc Address (Map): 301 E MAIN STREET
City Name (Map): Anamosa
Loc Zip (Map): 52202
County Name (Map): Jones
Loc Supplem (Map):
Name (Web): RED'S TOWING
Address (Web): 301 E MAIN STREET
City (Web): Anamosa
Zip (Web): 522020000
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

LUST Status: No Action Required
Leak Status:
Op Status: Regulated Tanks R/F
Status Start: 764208000000
Latitude: 42.10809
Longitude: -91.28324

Facility Details

UST ID: 8994
Loc ID: 68963
Start Date: 06-Apr-2010 00:00:00
Date Recorded: 29-Mar-2010 00:00:00
Dt Reported: 09-Feb-2010 00:00:00
Dt Discovered: 27-Jan-2010 00:00:00
Dt Disc Time:

Township Name:
Tier:
Range :
Range Dir:
Sectn:
Zone UTM: 15
Geom Type Name: Point

Dt Occur:		**Accuracy:**	100
Dt Occu Time:		**Datum Name:**	NAD83
Lead:	Responsible Party	**Datum Descr:**	North American Datum of 1983
Coordinate ID:	6983	**Scale:**	
Staff ID:	6925	**Collect Date:**	01-Dec-1999 00:00:00
Method Description:		**Collect By:**	cwolter
Tanks Removed:	0	**Vert Measure:**	
Owner Type:	Private/Corporate	**Vcolmth ID:**	
Fac Desc:	No Financial Responsibility	**Vdatum ID:**	
Policy No:	8608827	**Vaccuracy:**	
Policy St Dt:	09-Jun-2007 00:00:00	**Congress Dist:**	1
Policy End Dt:	08-Jun-2008 00:00:00	**State House Dist:**	031
Regist Sign Dt:	21-Mar-1994 00:00:00	**HUC Code:**	070801030201
Prohibition St Dt:		**Ind Full Name:**	Ruth Hummel
Prohibition End Dt:		**Staff Name:**	Kate Meyer
Operations:		**X Coord:**	641939
Derived Addr:		**Y Coord:**	4663203
Tribal Lnd ID:			
Insurers Name:	PMMIC		
Facility Throughput:			
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Plant entrance (general)		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:			
Collection Method:	Census block–1990-centroid		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000263786	**Accuracy:**	100
ST Fac ID:	310464903	**Reference Point:**	PLANT ENTRANCE (GENERAL)
Unique ID:	6313	**Congress:**	1
Legend Type:	19	**St House:**	031
Public View:	1	**St Senate:**	16
Field Office (FO):	1	**HUC:**	070801030201
Supplemental Loc:		**X:**	-91.28324367606734
Staff Name:	Meyer	**Y:**	42.10808520436078
Class Date:	2010-12-30 24:00:00 UTC	**X Coord:**	641939
Collection Date:	1999-12-01 24:00:00 UTC	**Y Coord:**	4663203
Status Start Date:	1994-03-21 24:00:00 UTC	**Latitude:**	42.10809
Collected by:	cwolter	**Longitude:**	-91.28324
Map Label Name:	9LTO51		
Collection Method:	CENSUS BLOCK 1990-CENTROID		
Verified:			
Comment:			
Hyperlink:			

Affiliation Information

Type:	Leak Contact
Title:	
Org Duns:	
Name:	STEVE KOOB
Org Name:	KOOB AUTOMOTIVE AND TOWING
Mail Address:	100 W 11TH STREET
Mail Address 2:	
Mail Supp:	
Mail City:	MONTICELLO
Mail State:	IA
Mail Zip:	52310
Email:	
Undeliverable?:	0
Aff Start Date:	06-Apr-2010 12:40:45
Aff End Date:	

Type:	Leak Reporter
Title:	
Org Duns:	
Name:	NEIL DeRYNCK
Org Name:	SENECA ENVIRONMENTAL
Mail Address:	17851 244TH AVENUE
Mail Address 2:	
Mail Supp:	
Mail City:	BETTENDORF
Mail State:	IA
Mail Zip:	52722
Email:	
Undeliverable?:	0
Aff Start Date:	06-Apr-2010 12:39:36
Aff End Date:	

Type:	Responsible Party
Title:	
Org Duns:	
Name:	STEVE KOOB
Org Name:	KOOB AUTOMOTIVE AND TOWING
Mail Address:	100 W 11TH STREET
Mail Address 2:	
Mail Supp:	
Mail City:	MONTICELLO
Mail State:	IA
Mail Zip:	52310
Email:	
Undeliverable?:	0
Aff Start Date:	06-Apr-2010 12:42:00
Aff End Date:	

Type:	Leak Recorder
Title:	
Org Duns:	
Name:	TOM COLLINS
Org Name:	IOWA DNR
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	IA
Mail Zip:	
Email:	
Undeliverable?:	0
Aff Start Date:	06-Apr-2010 12:38:50
Aff End Date:	

Initial Release - Cause

Leak Cause:	Other

Initial Release - Released Products

Leaked Product:	Waste Oil
Amount Leaked:	0
Leaked Product:	Gasoline
Amount Leaked:	0

Initial Release - Site Officials

Official:	Unknown

Cost Administration

LUST Cost Admin ID:	6323	***Lien Date:***	
Owner Identified:	-1	***Amended Lien Date:***	
Resp Party Found:	-1	***CR Lien Amended?:***	0
RP Found Date:		***Lien Removal Date:***	
Owner Broke ID:	2	***Created Date:***	06-Apr-2010 12:48:59
ER Start Date:		***Created By:***	sherry.blaisdell@dnr.iowa.gov
Amount Recovered:		***Last Changed:***	06-Apr-2010 12:48:59
Start Date:		***Changed By:***	sherry.blaisdell@dnr.iowa.gov
End Date:			
Notice of Intent Dt:			
Appeal of Notice Dt:			
Final Decision Date:			
EPC Apprv of Lien Dt:			
Ten Year Renewal Dt:			
Memo:			

Certificate Information

Type:	LUST	***Coordinator ID:***	6925
NFA Letter Date:	30-Dec-2010 00:00:00	***Staff Name:***	Bonnie Garrison
Request Date:	18-Mar-2011 00:00:00	***Staff Phone No:***	515/281-6010
Certificate Date:	22-Mar-2011 00:00:00	***CC Send To:***	
NFA Certifcat Sent:	22-Mar-2011 00:00:00	***Coordinator:***	Kate Meyer

Legal Description:

LOT 11 OF R. O. PETER'S SUBDIVISION OF THE W 1/2 OF LOT 4 IN J. H. FISHER'S ADDITION TO ANAMOSA; AND

COMMENCING AT THE NORTHWEST CORNER OF LOT 11 OF SAID R. O. PETER'S SUBDIVISION; THENCE NORTH TO THE SOUTH LINE OF MAIN STREET; THENCE EAST ALONG THE SOUTH LINE OF MAIN STREET 146 FEET; THENCE SOUTH TO THE NORTHEAST CORNER OF SAID LOT 11; THENCE WEST 146 FEET TO THE PLACE OF BEGINNING; (BEING SOMETIMES DESCRIBED AS LOTS 12, 13, 14, 15, 16 AND 17 OF SAID R. O. PETER'S SUBDIVISION, AS SHOWN BY THE PUBLISHED PLATS THEREOF); AND

THE WEST 16 FEET OF LOT 13; AND LOTS 14, 15, AND 16 IN WM. T. SHAW'S SUBDIVISION OF THE E 1/2 OF LOT 4, IN J. H. FISHER'S ADDITION TO ANAMOSA, IOWA;

ALL OF SAID PREMISES BEING SITUATED IN THE CITY OF ANAMOSA, JONES COUNTY, IOWA;

EXCEPTING FROM ALL OF THE ABOVE DESCRIBED PREMISES THE EAST 110 FEET THEREOF.

AND,

THE NORTH 10 FEET OF LOT 10 OF R. O. PETER'S SUBDIVISION OF THE WEST HALf OF LOT 4 OF J. H. FISHER'S ADDITION TO THE CITY OF ANAMOSA, IOWA, EXCEPT THE EAST 16 FEET THEREOF, SUBJECT TO AN EASEMENT BEING RETAINED BY THE CITY OF ANAMOSA TO ENTER UPON THE PROPERTY TO MAINTAIN THE 24-FOOT STORM SEWER TRAVERSING IT.

Technical Controls:

Groundwater Ingestion--Ordinance: Soil or Groundwater contamination is present (or may be present in the future due to contaminant migration) at levels which if ingested by humans could present an unreasonable risk to health. The potential for exposure to this groundwater by installation of groundwater wells is being regulated by the following control:

A city or county ordinance was in place at the time of issuance of this no further action certificate which regulates the installation of drinking and non-drinking water wells. The permitting authority has provided a non-binding certification that it is not likely to allow permitting of groundwater wells on this property because of the availability of a public water supply. If this ordinance is not maintained or is otherwise established to be ineffective, the "no action required" classification may be rescinded.

Groundwater Professionals - Assessment

IND ID:	44144	***ORG ID:***	21240
IND Phone No:	0000000000	***ORG Phone No:***	3194652030 / 3194652040
IND Phone Ext:	none	***ORG Phone Ext:***	none / none
IND Phone Desc:	Home	***ORG Phone Desc:***	Business / Fax
Due Date:			
Received Date:	11-May-2010 00:00:00		
Org Name:	GEOSOURCE INC		

Name:	SCOTT BEHRENDS
Mail Address:	15331 130TH AVE
Mail Address 2:	
Mail State:	IA
Mail City:	MONTICELLO
Mail Zip:	52310-8321
Email:	geosourceinc1@gmail.com

Initial Tracking Information

Initial Trackin ID:	6322	**Assess Approvd Dt:**	
Start Date:		**Cleanup Due Date:**	
Site Check Due Dt:		**Cleanup Rcvd Date:**	
Site Check Rcvd Dt:		**Cleanup Apprvd Dt:**	
Site Check Appr Dt:		**Created Date:**	07-Oct-2010 08:21:55
Site Check Rjct Dt:		**Created by:**	bonnie.garrison@dnr.iowa.gov
Assessment Due Dt:		**Last Changed:**	07-Oct-2010 08:21:55
Assessment Rcvd Dt:		**Changed By:**	bonnie.garrison@dnr.iowa.gov

Initial Tracking Miscellaneous Information

IT Miscellaneos ID:	14747	**Created Date:**	07-Oct-2010 08:22:03
Due Date:		**Created By:**	bonnie.garrison@dnr.iowa.gov
Received Date:	08-Oct-2010 00:00:00	**Last Changed:**	08-Oct-2010 14:54:44
Other:		**Changed By:**	bonnie.garrison@dnr.iowa.gov
Title:	REC'D MTBE PER E-MAIL		

Tier 1

Tier 1 ID:	6328
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	6311
Actual-Drinking Water Well:	NFA
Potential-Non-Drink Water Well:	NFA
Potential-Protected Grndwtr:	NFA
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	NFA
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	NFA

Tier 2 Dates

Due Date:		**Rejected Date:**	
Received Date:	06-Oct-2010 00:00:00	**Reviewed By:**	Kate Meyer
Accepted Date:	30-Dec-2010 00:00:00	**GWP:**	SCOTT BEHRENDS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Classification

Priority Ranking:	No Action (proposed)	***Cleanup Start Date:***	
Risk Class Date:	30-Dec-2010 00:00:00	***Cleanup Compl Dt:***	30-Dec-2010 00:00:00
Risk Class Desc:	No Action	***Inst Ctrl Obtained:***	-1
Sent to EPA:		***IC Date:***	
EPA Case No:		***IC Type:***	LOCAL ORDINANCES
Release Not Verified:			
Sent to Contam Sites:			
No Act Req-Free Prod:	0		
No Act Req-Not Elig for NFA:	0		

DNR LUST Search Result

Leak No:	9LTO51
Leak Classification:	No Action Required
DC:	

13	*1 of1*	*SE*	*0.43 / 2,285.45*	*823.19 / -47*	***BRADYS SERVICE STATION*** ***401 E MAIN ST*** ***Anamosa IA 522050000***	***LUST***

LUST ID:	4622	***LUST Status:***	No Action Required
Leak No:	8LTN58	***Leak Status:***	Unknown
Registration:	198610195	***Op Status:***	Regulated Tanks R/F
No of LUSTs:	1	***Status Start:***	521942400000
Spill No:		***Latitude:***	42.10800
Spill Date:		***Longitude:***	-91.28167
UST Name :	BRADYS SERVICE STATION		
Address 1 :	401 E MAIN ST		
Address 2 :			
City:	Anamosa		
Zip:	522050000		
County:	Jones		
Loc Supplement:			
Fac Name (Map):	Bradys Service Station		
Loc Address (Map):	401 E MAIN ST		
City Name (Map):	Anamosa		
Loc Zip (Map):	52205		
County Name (Map):	Jones		
Loc Supplem (Map):			
Name (Web):	BRADYS SERVICE STATION		
Address (Web):	401 E MAIN ST		
City (Web):	Anamosa		
Zip (Web):	522050000		
Data Source:	DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results		

Facility Details

UST ID:	10141	***Township Name:***	
Loc ID:	67091	***Tier:***	
Start Date:	17-May-1991 00:00:00	***Range :***	
Date Recorded:	17-May-1991 00:00:00	***Range Dir:***	
Dt Reported:	23-Apr-1991 00:00:00	***Sectn:***	
Dt Discovered:		***Zone UTM:***	15
Dt Disc Time:		***Geom Type Name:***	Point
Dt Occur:		***Accuracy:***	25
Dt Occu Time:		***Datum Name:***	NAD83
Lead:	State Fund	***Datum Descr:***	North American Datum of 1983
Coordinate ID:	2	***Scale:***	
Staff ID:		***Collect Date:***	23-Jan-2004 00:00:00
Method Description:	Other	***Collect By:***	hcline
Tanks Removed:		***Vert Measure:***	
Owner Type:	Private/Corporate	***Vcolmth ID:***	

Fac Desc:	State Fund	**Vdatum ID:**	
Policy No:	8610195	**Vaccuracy:**	
Policy St Dt:	07-Apr-1992 00:00:00	**Congress Dist:**	1
Policy End Dt:		**State House Dist:**	031
Regist Sign Dt:	17-Jul-1986 00:00:00	**HUC Code:**	070801030201
Prohibition St Dt:		**Ind Full Name:**	Rochelle Cardinale
Prohibition End Dt:		**Staff Name:**	
Operations:		**X Coord:**	642069
Derived Addr:		**Y Coord:**	4663196
Tribal Lnd ID:			
Insurers Name:			
Facility Throughput:			
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit at lot on SE corner of Davis & Main Streets; W of former site building		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000173880	**Accuracy:**	25
ST Fac ID:	310625948	**Reference Point:**	STORAGE TANK
Unique ID:	5806	**Congress:**	1
Legend Type:	19	**St House:**	031
Public View:	1	**St Senate:**	16
Field Office (FO):	1	**HUC:**	070801030201
Supplemental Loc:		**X:**	-91.28167370863643
Staff Name:		**Y:**	42.10799865639418
Class Date:	1994-04-01 24:00:00 UTC	**X Coord:**	642069
Collection Date:	2004-01-23 24:00:00 UTC	**Y Coord:**	4663196
Status Start Date:	1986-07-17 24:00:00 UTC	**Latitude:**	42.108
Collected by:	hcline	**Longitude:**	-91.28167
Map Label Name:	8LTN58		
Collection Method:	INTERPOLATION-PHOTO		
Verified:			
Comment:	Tank pit at lot on SE corner of Davis & Main Streets; W of former site building		
Hyperlink:			

Affiliation Information

Type:	Leak Recorder
Title:	
Org Duns:	
Name:	SCHWIETE
Org Name:	
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	
Mail Zip:	
Email:	
Undeliverable?:	
Aff Start Date:	
Aff End Date:	

Type:	Leak Reporter
Title:	
Org Duns:	
Name:	NORMA BRADY
Org Name:	BRADY'S SERVICE STATION
Mail Address:	401 E MAIN ST
Mail Address 2:	
Mail Supp:	

Mail City: ANAMOSA
Mail State: IA
Mail Zip: 522050000
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Contact
Title:
Org Duns:
Name: NORMA BRADY
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Initial Release - Cause

Leak Cause: Unknown

Initial Release - Released Products

Leaked Product: Diesel
Amount Leaked:

Leaked Product: Gasoline
Amount Leaked:

Leaked Product: Waste Oil
Amount Leaked:

Initial Release - Site Officials

Official: None

Cost Administration

LUST Cost Admin ID: 3712
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 17-May-1991 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

Certificate Information

Type:	LUST	**Coordinator ID:**	
NFA Letter Date:	04-May-1994 00:00:00	**Staff Name:**	
Request Date:	19-Apr-1994 00:00:00	**Staff Phone No:**	
Certificate Date:	02-Aug-1994 00:00:00	**CC Send To:**	
NFA Certifcat Sent:	03-Aug-1994 00:00:00	**Coordinator:**	

Legal Description: COMMENCING AT THE NE CORNER OF DAVIS STREET AND FIRST STREET, BEING THE SW CORNER OF LOT 22, BLOCK 8, SHAW'S SUBDIVISION "A" OF SCOTT & SKINNER'S ADDITION TO ANAMOSA, IOWA; THENCE NORTH ALONG THE EAST LINE OF D POINT OF BEGINNING OF SAID LOT 1 OF BLOCK 1 OF "ECLIPSE LUMBER COMPANY PLACE" IN ANAMOSA, IOWA; THENCE NORTH 89 DEGREES 16' EAST, 173.96 FEET ALONG THE ALLEY LINE; THENCE NORTH 0 DEGREES 02' EAST, 125.22 FEET T DEGREES 42' WEST, 173.86 FEET ALONG THE SOUTH LINE POINT OF BEGINNING OF SAID LOT 1 OF BLOCK 1 OF "ECLIPSE LUMBER COMPANY PLACE" IN ANAMOSA, IOWA; THENCE NORTH 89 DEGREES 16' EAST, 173.96 FEET ALONG THE ALLEY LINE; THENCE NORTH 0 DEGREES 02' EAST, 125.22 FEET T DEGREES 42' WEST, 173.86 FEET ALONG THE SOUTH LINE OF MAIN STREET TO THE EAST LINE OF DAVIS STREET; THENCE SOUTH 128.60 FEET ALONG THE EAST LINE OF DAVIS STREET TO THE POINT OF THE BEGINNING OF SAID LOT 1 OF BLOCK 1

Technical Controls:

Initial Tracking Information

Initial Trackin ID:	4622	**Assess Approvd Dt:**	
Start Date:	15-Jun-1991 00:00:00	**Cleanup Due Date:**	01-Mar-1994 00:00:00
Site Check Due Dt:		**Cleanup Rcvd Date:**	24-Feb-1994 00:00:00
Site Check Rcvd Dt:		**Cleanup Apprvd Dt:**	25-Feb-1994 00:00:00
Site Check Appr Dt:		**Created Date:**	08-Jan-2007 21:54:26
Site Check Rjct Dt:		**Created by:**	lustsiteclass
Assessment Due Dt:		**Last Changed:**	08-Jan-2007 21:54:26
Assessment Rcvd Dt:		**Changed By:**	lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID:	4746	**Created Date:**	08-Jan-2007 21:54:27
Due Date:	10-May-1994 00:00:00	**Created By:**	lustsiteclass
Received Date:	29-Mar-1994 00:00:00	**Last Changed:**	08-Jan-2007 21:54:27
Other:		**Changed By:**	lustsiteclass
Title:			

Tier 1

Tier 1 ID:	4622
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	4622
Actual-Drinking Water Well:	
Potential-Non-Drink Water Well:	
Potential-Protected Grndwtr:	
Grndwtr Vap to Enclose Space:	
Grndwtr to Plastic Water Line:	
Surface Water-General Use:	
Surface Water-Designated Use:	
Soil Leaching to Groundwater:	
Soil Vapor to Enclosed Space:	
Soil to Plastic Water Line:	
Consultant Recommends:	

Free Product Report

Letter Sent Date:
FP Recovery End Date:
Reporting Frequency:
Free Product ID: 4622

Classification

Priority Ranking:
Risk Class Date: 01-Apr-1994 00:00:00
Risk Class Desc: No Action
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:

Cleanup Start Date: 25-Feb-1994 00:00:00
Cleanup Compl Dt: 01-Apr-1994 00:00:00
Inst Ctrl Obtained: 0
IC Date:
IC Type:

Remediation Report

Remediatn Tech ID: 4678
UIC Permit Date:

Remediation Report - Over Excavation

Remed Over Exc ID: 806
Over Excavation ID: 5
Description: Thru Over-excavation

DNR LUST Search Result

Leak No: 8LTN58
Leak Classification: No Action Required
DC:

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14 | ***1 of1*** | ***SSE*** | ***0.43 / 2,296.51*** | ***849.67 / -21*** | ***Anamosa Public Library, 100 East 1st Street, Anamosa IA 52205*** | ***CONT***

Site ID: 1235
Site Type Desc: Unknown
Site Status Desc: Closed
Status Date: 2/19/2016
Program Type: Chapter 133
Lead Agency:

Ownership: Private
Proj Mnger Name:
County Name: Jones
Latitude: 42.106959
Longitude: -91.279074

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15 | ***1 of1*** | ***N*** | ***0.45 / 2,357.55*** | ***895.22 / 25*** | ***Anamosa State Penitentiary Composting Facility, 13100 County Road X31, Anamosa IA 52205*** | ***SWF/LF***

Permit No: 53-SDP-03-97
Loc Address (Open): 13100 County Road X31
City (Open Data): Anamosa
State (Open Data): IA
Loc Zip (Open): 52205
Field Offce (Open): 1
Field Office: 1 (Manchester)

County (Open Data): Jones
County: 53 (Jones)
Lat (Open Data): 42.12042
Long (Open Data): -91.29439
Latitude: 42.120419
Longitude: -91.29439

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fac Name(Open): Anamosa State Penitentiary Composting Facility
Name: Anamosa State Penitentiary Composting Facility
Address: 13100 County Road X31
ANAMOSA, IA 52205
NOTE: this address is derived based on location
Source: Solid Waste Permitting - Permit and Subentity Locations; Iowa Open Spatial Data - Solid Waste Facilities
Loc Supplem:
Additional Info:

Solid Waste Permitting - Permit Locations

Permit No:	53-SDP-03-97	**Entered:**	07/19/2004 10:22:10 AM
Type:	Composting Facility	**Last Updated:**	07/19/2004 10:22:10 AM
Stage:	Rescission	**Project Officer:**	Johnson
Start Date:		**X Coordinate:**	640989.34
Expiration Date:	09/09/9999	**Y Coordinate:**	4664554.29

Iowa Open Spatial Data - Solid Waste Facilities

St Fac ID:	310202205	**Legend Type:**	3
Unique ID:	221	**Public View:**	1
Loc ID:	20000122052	**Project Officer:**	Johnson
Op Status:	Rescission	**X:**	-91.2944096880464
Perm Status:	Withdrawn	**Y:**	42.1204265525255
Perm Issue Dt:		**State:**	IA
Perm Expir Dt:	9999/09/09 00:00:00+00	**Accuracy:**	25
PI Start Dt:	2004/07/16 00:00:00+00	**Col Mth:**	INTERPOLATION-PHOTO
Prog Type:	Recycling and Processing	**Ref Pnt:**	UNKNOWN
HUC:	070801020906	**Verify:**	POINT IN POLYGON (COUNTY)
Congress:	1	**Collect by:**	CKAHLE
St House:	031	**Col Date:**	2004/01/27 00:00:00+00
St Senate:	16		

Map Label Name: Anamosa State Penitentiary Composting Facility
Permit Type: Composting Facility
Loc Comment: ORIGINAL PLACEMENT USED
Hyperlink: https://programs.iowadnr.gov/solidwaste/reports/facilitysnapshot?permitnumber=53-SDP-03-97

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of2	ESE	0.48 / 2,519.08	822.10 / -49	CASEY'S GENERAL STORE 2690 500 E MAIN ST Anamosa IA 52205	LUST

LUST ID:	5889	**LUST Status:**	No Action Required
Leak No:	9LTJ79	**Leak Status:**	Stopped
Registration:	199517794	**Op Status:**	Reg Tanks-Active
No of LUSTs:	2	**Status Start:**	801964800000
Spill No:	031901-KAL1313	**Latitude:**	42.10853
Spill Date:		**Longitude:**	-91.28041

UST Name : CASEY'S GENERAL STORE 2690
Address 1 : 500 E MAIN ST
Address 2 :
City: Anamosa
Zip: 52205
County: Jones
Loc Supplement:
Fac Name (Map): Casey's General Store 2690
Loc Address (Map): 500 E MAIN ST
City Name (Map): Anamosa
Loc Zip (Map): 52205
County Name (Map): Jones
Loc Supplem (Map):
Name (Web): CASEY'S GENERAL STORE 2690
Address (Web): 500 E MAIN ST
City (Web): Anamosa
Zip (Web): 52205
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

Facility Details

UST ID:	17326	***Township Name:***	
Loc ID:	68163	***Tier:***	
Start Date:	30-Jul-2001 00:00:00	***Range :***	
Date Recorded:	30-Jul-2001 00:00:00	***Range Dir:***	0
Dt Reported:	26-Jul-2001 00:00:00	***Sectn:***	
Dt Discovered:	16-Mar-2001 00:00:00	***Zone UTM:***	15
Dt Disc Time:		***Geom Type Name:***	Point
Dt Occur:	16-Mar-2001 00:00:00	***Accuracy:***	25
Dt Occu Time:		***Datum Name:***	NAD83
Lead:	Responsible Party	***Datum Descr:***	North American Datum of 1983
Coordinate ID:	2	***Scale:***	
Staff ID:	3	***Collect Date:***	23-Jan-2004 00:00:00
Method Description:	Other	***Collect By:***	hcline
Tanks Removed:		***Vert Measure:***	
Owner Type:	Private/Corporate	***Vcolmth ID:***	
Fac Desc:	PMM Insurance Company	***Vdatum ID:***	
Policy No:	9517794	***Vaccuracy:***	
Policy St Dt:	07-Jun-2022 00:00:00	***Congress Dist:***	1
Policy End Dt:	06-Jun-2023 00:00:00	***State House Dist:***	031
Regist Sign Dt:	01-Jun-1995 00:00:00	***HUC Code:***	070801030201
Prohibition St Dt:		***Ind Full Name:***	Rochelle Cardinale
Prohibition End Dt:		***Staff Name:***	Rochelle Cardinale
Operations:	Always Staffed	***X Coord:***	642172
Derived Addr:	0	***Y Coord:***	4663257
Tribal Lnd ID:			
Insurers Name:	PMMIC		
Facility Throughput:	Large GDF		
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit W of site building		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000168760	***Accuracy:***	25
ST Fac ID:	310461495	***Reference Point:***	STORAGE TANK
Unique ID:	912	***Congress:***	1
Legend Type:	19	***St House:***	031
Public View:	1	***St Senate:***	16
Field Office (FO):	1	***HUC:***	070801030201
Supplemental Loc:		***X:***	-91.28041361947753
Staff Name:	Cardinale	***Y:***	42.10852914586687
Class Date:	2002-04-26 24:00:00 UTC	***X Coord:***	642172
Collection Date:	2004-01-23 24:00:00 UTC	***Y Coord:***	4663257
Status Start Date:	1995-06-01 24:00:00 UTC	***Latitude:***	42.10853
Collected by:	hcline	***Longitude:***	-91.28041
Map Label Name:	9LTJ79		
Collection Method:	INTERPOLATION-PHOTO		
Verified:			
Comment:	Tank pit W of site building		
Hyperlink:			

Affiliation Information

Type:	Leak Reporter
Title:	
Org Duns:	
Name:	DAN MCNAMARA

Org Name:	PNP
Mail Address:	500 E MAIN ST
Mail Address 2:	
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	
Aff End Date:	

Type:	Leak Contact
Title:	
Org Duns:	
Name:	DAN MCNAMARA
Org Name:	
Mail Address:	PNP
Mail Address 2:	500 E MAIN ST
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	
Aff End Date:	

Type:	Leak Recorder
Title:	
Org Duns:	
Name:	COLLINS
Org Name:	
Mail Address:	
Mail Address 2:	
Mail Supp:	
Mail City:	
Mail State:	
Mail Zip:	
Email:	
Undeliverable?:	
Aff Start Date:	
Aff End Date:	

Initial Release - Cause

Leak Cause:	Tank corrosion (perforations) bare steel tank

Initial Release - Released Products

Leaked Product:	Gasoline
Amount Leaked:	40

Initial Release - Site Officials

Official:	Fire

Cost Administration

LUST Cost Admin ID:	5870	**Lien Date:**	
Owner Identified:		**Amended Lien Date:**	
Resp Party Found:		**CR Lien Amended?:**	0
RP Found Date:		**Lien Removal Date:**	
Owner Broke ID:	2	**Created Date:**	08-Jan-2007 21:54:44

ER Start Date:		**Created By:**	migration
Amount Recovered:	0.00	**Last Changed:**	08-Jan-2007 21:54:44
Start Date:		**Changed By:**	migration
End Date:			
Notice of Intent Dt:			
Appeal of Notice Dt:			
Final Decision Date:			
EPC Apprv of Lien Dt:			
Ten Year Renewal Dt:			
Memo:			

Certificate Information

Type:	LUST	**Coordinator ID:**	1
NFA Letter Date:	26-Apr-2002 00:00:00	**Staff Name:**	
Request Date:	10-Feb-2003 00:00:00	**Staff Phone No:**	
Certificate Date:	17-Feb-2003 00:00:00	**CC Send To:**	
NFA Certifcat Sent:	20-Feb-2003 00:00:00	**Coordinator:**	Rochelle Cardinale
Legal Description:	ATTACHED AND BY THIS REFERENCE MADE A PART HEREOF.		
Technical Controls:	MONITORING WELLS RETAINED AT THIS SITE SHOULD BE SECURED AND MAINTAINED UNTIL THEY ARE PROPERLY PLUGGED AND ABANDONED. WELL ABANDONMENT AND PLUGGING OF MONITORING WELLS SHOULD BE PERFORMED IN ACCORDANCE TO IAC CHAPTER 567--39.		

Groundwater Professionals - Assessment

IND ID:	44061	**ORG ID:**	21157
IND Phone No:	0000000000	**ORG Phone No:**	5633232262 / 5633989003
IND Phone Ext:	none	**ORG Phone Ext:**	none / none
IND Phone Desc:	Home	**ORG Phone Desc:**	Business / Fax
Due Date:	15-Feb-2002 00:00:00		
Received Date:	15-Mar-2002 00:00:00		
Org Name:	PRESTON ENGINEERING INC		
Name:	MORRIS L PRESTON		
Mail Address:	4436 N BRADY ST		
Mail Address 2:			
Mail State:	IA		
Mail City:	DAVENPORT		
Mail Zip:	52806-4063		
Email:	mlp@prestonengineering.com		

Initial Tracking Information

Initial Trackin ID:	5889	**Assess Approvd Dt:**	
Start Date:		**Cleanup Due Date:**	
Site Check Due Dt:		**Cleanup Rcvd Date:**	
Site Check Rcvd Dt:		**Cleanup Apprvd Dt:**	
Site Check Appr Dt:		**Created Date:**	08-Jan-2007 21:54:26
Site Check Rjct Dt:		**Created by:**	lustsiteclass
Assessment Due Dt:		**Last Changed:**	08-Jan-2007 21:54:26
Assessment Rcvd Dt:		**Changed By:**	lustsiteclass

Tier 1

Tier 1 ID:	5889
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID: 5889
Actual-Drinking Water Well: NFA
Potential-Non-Drink Water Well: NFA
Potential-Protected Grndwtr: NFA
Grndwtr Vap to Enclose Space: NFA
Grndwtr to Plastic Water Line: NFA
Surface Water-General Use: NFA
Surface Water-Designated Use: NFA
Soil Leaching to Groundwater: NFA
Soil Vapor to Enclosed Space: NFA
Soil to Plastic Water Line: NFA
Consultant Recommends: NFA

Tier 2 Dates

Due Date:
Received Date: 26-Aug-2002 00:00:00
Accepted Date:
Rejected Date: 18-Sep-2002 00:00:00
Reviewed By:
GWP:

Due Date: 15-Feb-2003 00:00:00
Received Date: 20-Nov-2002 00:00:00
Accepted Date: 10-Feb-2003 00:00:00
Rejected Date:
Reviewed By:
GWP:

Due Date: 15-Feb-2002 00:00:00
Received Date: 15-Mar-2002 00:00:00
Accepted Date: 26-Apr-2002 00:00:00
Rejected Date:
Reviewed By:
GWP:

Free Product Report

Letter Sent Date:
FP Recovery End Date:
Reporting Frequency:
Free Product ID: 5889

Bedrock Report

Bedrock Type ID: 2
Category: Granular
Sampl Water Supply: 0
GIS Survey: 0
LUST Bedrock ID: 336

Classification

Priority Ranking: No Action (proposed)
Risk Class Date: 26-Apr-2002 00:00:00
Risk Class Desc: No Action
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:
Cleanup Start Date: 30-Jul-2001 00:00:00
Cleanup Compl Dt: 26-Apr-2002 00:00:00
Inst Ctrl Obtained: 0
IC Date:
IC Type:

Documents

Document ID: 3628
File Name: 9ltj79 DNR ltr Revised Tier 2 SCR Review 09.18.02.pdf
File Description: DNR letter re: Revised Tier 2 SCR Review

Document ID: 3626

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

File Name: 9ltj79 Cover letter and NFA certificate 02.17.03.pdf
File Description: Cover letter and NFA certificate

Document ID: 3627
File Name: 9ltj79 Preston Engr letter 08.21.02.pdf
File Description: Letter from Preston Engineering in response to 04.26.02 DNR letter

Document ID: 3625
File Name: 9ltj79 NAR letter 04.26.02.pdf
File Description: Letter assigning the site No Action Required

DNR LUST Search Result

Leak No: 9LTJ79
Leak Classification: No Action Required
DC: 15

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	2 of2	ESE	0.48 / 2,519.08	822.10 / -49	CASEY'S GENERAL STORE 2690 500 E MAIN ST Anamosa IA 52205	LUST

LUST ID: 6642
Leak No: 9LTR21
Registration: 199517794
No of LUSTs: 2
Spill No:
Spill Date:
UST Name : CASEY'S GENERAL STORE 2690
Address 1 : 500 E MAIN ST
Address 2 :
City: Anamosa
Zip: 52205
County: Jones
Loc Supplement:
Fac Name (Map): Casey's General Store 2690
Loc Address (Map): 500 E MAIN ST
City Name (Map): Anamosa
Loc Zip (Map): 52205
County Name (Map): Jones
Loc Supplem (Map):
Name (Web): CASEY'S GENERAL STORE 2690
Address (Web): 500 E MAIN ST
City (Web): Anamosa
Zip (Web): 52205
Data Source: DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results

LUST Status: No Action Required
Leak Status:
Op Status: Reg Tanks-Active
Status Start: 801964800000
Latitude: 42.10853
Longitude: -91.28041

Facility Details

UST ID: 17326
Loc ID: 85811
Start Date: 09-Dec-2015 00:00:00
Date Recorded: 08-Dec-2015 00:00:00
Dt Reported: 02-Nov-2015 00:00:00
Dt Discovered: 02-Nov-2015 00:00:00
Dt Disc Time:
Dt Occur:
Dt Occu Time:
Lead: Responsible Party
Coordinate ID: 6983
Staff ID: 6925
Method Description:
Tanks Removed: 0
Owner Type: Private/Corporate
Fac Desc: PMM Insurance Company
Policy No: 9517794

Township Name: 84
Tier: 84
Range :
Range Dir:
Sectn: 2
Zone UTM: 15
Geom Type Name: Point
Accuracy: 25
Datum Name: NAD83
Datum Descr: North American Datum of 1983
Scale:
Collect Date: 23-Jan-2004 00:00:00
Collect By: hcline
Vert Measure:
Vcolmth ID:
Vdatum ID:
Vaccuracy:

Policy St Dt:	07-Jun-2022 00:00:00	**Congress Dist:**	1
Policy End Dt:	06-Jun-2023 00:00:00	**State House Dist:**	031
Regist Sign Dt:	01-Jun-1995 00:00:00	**HUC Code:**	070801030201
Prohibition St Dt:		**Ind Full Name:**	Ruth Hummel
Prohibition End Dt:		**Staff Name:**	Kate Meyer
Operations:	Always Staffed	**X Coord:**	642172
Derived Addr:		**Y Coord:**	4663257
Tribal Lnd ID:			
Insurers Name:	PMMIC		
Facility Throughput:	Large GDF		
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit W of site building		
Collection Method:	GPS code (pseudo range) differential		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000372169	**Accuracy:**	25
ST Fac ID:	310461495	**Reference Point:**	STORAGE TANK
Unique ID:	6607	**Congress:**	1
Legend Type:	19	**St House:**	031
Public View:	1	**St Senate:**	16
Field Office (FO):	1	**HUC:**	070801030201
Supplemental Loc:		**X:**	-91.28041361947753
Staff Name:	Meyer	**Y:**	42.10852914586687
Class Date:	2018-11-19 24:00:00 UTC	**X Coord:**	642172
Collection Date:	2004-01-23 24:00:00 UTC	**Y Coord:**	4663257
Status Start Date:	1995-06-01 24:00:00 UTC	**Latitude:**	42.10853
Collected by:	hcline	**Longitude:**	-91.28041
Map Label Name:	9LTR21		
Collection Method:	GPS CODE (PSEUDO RANGE) DIFFERENTIAL		
Verified:			
Comment:	Tank pit W of site building		
Hyperlink:			

Affiliation Information

Type:	Leak Reporter
Title:	
Org Duns:	
Name:	STEVE CHARLTON
Org Name:	SENECA COMPANIES
Mail Address:	500 E MAIN ST
Mail Address 2:	
Mail Supp:	
Mail City:	ANAMOSA
Mail State:	IA
Mail Zip:	52205
Email:	
Undeliverable?:	0
Aff Start Date:	09-Dec-2015 00:00:00
Aff End Date:	

Type:	Leak Contact
Title:	
Org Duns:	
Name:	JILL REAMS-WIDDER
Org Name:	CASEY'S GENERAL STORES INC
Mail Address:	3305 DELAWARE AVE
Mail Address 2:	
Mail Supp:	
Mail City:	ANKENY
Mail State:	IA

Mail Zip: 50021
Email:
Undeliverable?: 0
Aff Start Date: 09-Dec-2015 00:00:00
Aff End Date:

Type: Leak Recorder
Title:
Org Duns:
Name: TOM COLLINS
Org Name: IOWA DEPT OF NATURAL RESOURCES
Mail Address: WALLACE STATE OFFICE BLDG
Mail Address 2: 502 E 9TH ST
Mail Supp:
Mail City: DES MOINES
Mail State: IA
Mail Zip: 50319-0034
Email:
Undeliverable?: 0
Aff Start Date: 09-Dec-2015 00:00:00
Aff End Date:

Type: Responsible Party
Title:
Org Duns:
Name: JILL REAMS-WIDDER
Org Name: CASEY'S GENERAL STORES INC
Mail Address: 3305 SE DELAWARE AVE
Mail Address 2:
Mail Supp:
Mail City: ANKENY
Mail State: IA
Mail Zip: 52205
Email:
Undeliverable?: 0
Aff Start Date: 09-Dec-2015 00:00:00
Aff End Date:

Initial Release - Cause

Leak Cause: Failure of flex connector

Leak Cause: Line corrosion

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked: 0

Initial Release - Site Officials

Official: Unknown

Initial Release - Non Regulated Tanks

Non Regulated Tank: UST

Cost Administration

LUST Cost Admin ID: 6574
Owner Identified: -1
Resp Party Found: -1
RP Found Date:
Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:

Owner Broke ID:	2	***Created Date:***	09-Dec-2015 08:17:00
ER Start Date:		***Created By:***	Garrison.Bonnie
Amount Recovered:		***Last Changed:***	09-Dec-2015 08:17:00
Start Date:		***Changed By:***	Garrison.Bonnie
End Date:			
Notice of Intent Dt:			
Appeal of Notice Dt:			
Final Decision Date:			
EPC Apprv of Lien Dt:			
Ten Year Renewal Dt:			
Memo:			

Groundwater Professionals - Assessment

IND ID:	45047	***ORG ID:***	22143
IND Phone No:	0000000000	***ORG Phone No:***	5633328000 / 5633329465
IND Phone Ext:	none	***ORG Phone Ext:***	none / none
IND Phone Desc:	Home	***ORG Phone Desc:***	Business / Fax
Due Date:	18-Jan-2016 00:00:00		
Received Date:			
Org Name:	SENECA ENVIRONMENTAL SERVICES		
Name:	TODD FELDERMAN		
Mail Address:	7241 GAINES ST CT		
Mail Address 2:			
Mail State:	IA		
Mail City:	DAVENPORT		
Mail Zip:	52806		
Email:	tfelderman@senecaco.com		

Initial Tracking Information

Initial Trackin ID:	6558	***Assess Approvd Dt:***	
Start Date:		***Cleanup Due Date:***	
Site Check Due Dt:		***Cleanup Rcvd Date:***	
Site Check Rcvd Dt:		***Cleanup Apprvd Dt:***	
Site Check Appr Dt:		***Created Date:***	19-Jul-2017 12:05:29
Site Check Rjct Dt:		***Created by:***	Santa Maria.Dawn
Assessment Due Dt:		***Last Changed:***	19-Jul-2017 12:05:29
Assessment Rcvd Dt:		***Changed By:***	Santa Maria.Dawn

Initial Tracking Miscellaneous Information

IT Miscellaneos ID:	17664	***Created Date:***	19-Jul-2017 12:05:38
Due Date:		***Created By:***	Santa Maria.Dawn
Received Date:	19-Jul-2017 00:00:00	***Last Changed:***	19-Jul-2017 12:05:38
Other:		***Changed By:***	Santa Maria.Dawn
Title:	Rcvd MTBE file via email		

Tier 1

Tier 1 ID:	6539
Actual-Drinking Water Well:	0
Potential-Non-Drink Water Well:	0
Potential-Protected Grndwtr:	0
Grndwtr Vap to Enclose Space:	0
Grndwtr to Plastic Water Line:	0
Surface Water:	0
Soil Leaching to Groundwater:	0
Soil Vapor to Enclosed Space:	0
Soil to Plastic Water Line:	0
Consultant Recommends:	

Tier 2

Tier 2 ID:	6533
Actual-Drinking Water Well:	NFA
Potential-Non-Drink Water Well:	NFA
Potential-Protected Grndwtr:	NFA
Grndwtr Vap to Enclose Space:	NFA
Grndwtr to Plastic Water Line:	NFA
Surface Water-General Use:	NFA
Surface Water-Designated Use:	NFA
Soil Leaching to Groundwater:	NFA
Soil Vapor to Enclosed Space:	NFA
Soil to Plastic Water Line:	NFA
Consultant Recommends:	NFA

Tier 2 Dates

Due Date:	26-Jan-2018 00:00:00	**Rejected Date:**	
Received Date:	14-Nov-2018 00:00:00	**Reviewed By:**	Kate Meyer
Accepted Date:	19-Nov-2018 00:00:00	**GWP:**	TODD FELDERMAN
Due Date:		**Rejected Date:**	18-Oct-2017 00:00:00
Received Date:	19-Jul-2017 00:00:00	**Reviewed By:**	Lisa Niedermayer
Accepted Date:		**GWP:**	TODD FELDERMAN

Bedrock Report

Bedrock Type ID:	3	**GIS Survey:**	0
Category:	Nongranular	**LUST Bedrock ID:**	332
Sampl Water Supply:	-1		

Classification

Priority Ranking:		**Cleanup Start Date:**	09-Dec-2015 00:00:00
Risk Class Date:	19-Nov-2018 00:00:00	**Cleanup Compl Dt:**	19-Nov-2018 00:00:00
Risk Class Desc:	No Action	**Inst Ctrl Obtained:**	-1
Sent to EPA:		**IC Date:**	19-Nov-2018 00:00:00
EPA Case No:		**IC Type:**	LOCAL ORDINANCES
Release Not Verified:			
Sent to Contam Sites:			
No Act Req-Free Prod:	0		
No Act Req-Not Elig for NFA:	0		

Documents

Document ID:	4217
File Name:	9ltr21, caseys, anamosa, IC info.pdf
File Description:	9LTR21, Inst. Control documents, city and county ordinance
Document ID:	2449
File Name:	9LTR21, 12.14.2015, tier 1 req ltr., Caseys, Anamosa.doc
File Description:	tier 1 req ltr

DNR LUST Search Result

Leak No:	9LTR21
Leak Classification:	No Action Required
DC:	15

17	***1 of1***	***S***	***0.49 / 2,608.61***	***858.47 / -12***	***WEST MIDDLE SCHOOL ANAMOSA COMM SCHOOL S GARNAVILLO ST Anamosa IA 522050000***	***LUST***

LUST ID:	3174	**LUST Status:**	No Action Required
Leak No:	8LTN27	**Leak Status:**	Stopped
Registration:	198606740	**Op Status:**	Regulated Tanks R/F
No of LUSTs:	1	**Status Start:**	515203200000
Spill No:		**Latitude:**	42.10534
Spill Date:		**Longitude:**	-91.28788
UST Name :	WEST MIDDLE SCHOOL ANAMOSA COMM SCHOOL		
Address 1 :	S GARNAVILLO ST		
Address 2 :			
City:	Anamosa		
Zip:	522050000		
County:	Jones		
Loc Supplement:			
Fac Name (Map):	West Middle School Anamosa Comm School		
Loc Address (Map):	S GARNAVILLO ST		
City Name (Map):	Anamosa		
Loc Zip (Map):	52205		
County Name (Map):	Jones		
Loc Supplem (Map):			
Name (Web):	WEST MIDDLE SCHOOL ANAMOSA COMM SCHOOL		
Address (Web):	S GARNAVILLO ST		
City (Web):	Anamosa		
Zip (Web):	522050000		
Data Source:	DNR - LUST Database; Iowa Open Spatial Data - Leaking Underground Storage Tanks; Iowa DNR Leaking Storage Tanks Search Results		

Facility Details

UST ID:	7044	**Township Name:**	
Loc ID:	65551	**Tier:**	
Start Date:	08-May-1991 00:00:00	**Range :**	
Date Recorded:	19-Apr-1991 00:00:00	**Range Dir:**	
Dt Reported:	19-Apr-1991 00:00:00	**Sectn:**	
Dt Discovered:	19-Apr-1991 00:00:00	**Zone UTM:**	15
Dt Disc Time:	10:00AM	**Geom Type Name:**	Point
Dt Occur:		**Accuracy:**	25
Dt Occu Time:	UNK	**Datum Name:**	NAD83
Lead:	State Fund	**Datum Descr:**	North American Datum of 1983
Coordinate ID:	2	**Scale:**	
Staff ID:		**Collect Date:**	23-Jan-2004 00:00:00
Method Description:	Removal	**Collect By:**	hcline
Tanks Removed:		**Vert Measure:**	
Owner Type:	School	**Vcolmth ID:**	
Fac Desc:		**Vdatum ID:**	
Policy No:		**Vaccuracy:**	
Policy St Dt:		**Congress Dist:**	1
Policy End Dt:		**State House Dist:**	031
Regist Sign Dt:	30-Apr-1986 00:00:00	**HUC Code:**	070801030201
Prohibition St Dt:		**Ind Full Name:**	Rochelle Cardinale
Prohibition End Dt:		**Staff Name:**	
Operations:		**X Coord:**	641562
Derived Addr:		**Y Coord:**	4662891
Tribal Lnd ID:			
Insurers Name:			
Facility Throughput:			
Pressurized Deliv ID:			
State Senated Dstrict:	16		
Ref pnt Txt:	Storage tank		
Ref Pnt Desc:			
Loc Supplement:			
Loc Comment:	Tank pit at NW wall of industrial arts bldg; 55' S of SW corner of school building		
Collection Method:	interpolation-photo		
Verify Txt:			

Facility Details (Open Data)

Loc ID:	20000171978	**Accuracy:**	25
ST Fac ID:	310564566	**Reference Point:**	STORAGE TANK
Unique ID:	3990	**Congress:**	1
Legend Type:	19	**St House:**	031
Public View:	1	**St Senate:**	16
Field Office (FO):	1	**HUC:**	070801030201
Supplemental Loc:		**X:**	-91.28787712950974
Staff Name:		**Y:**	42.10534455151633
Class Date:	1999-01-05 24:00:00 UTC	**X Coord:**	641562
Collection Date:	2004-01-23 24:00:00 UTC	**Y Coord:**	4662891
Status Start Date:	1986-04-30 24:00:00 UTC	**Latitude:**	42.10534
Collected by:	hcline	**Longitude:**	-91.28788

Map Label Name: 8LTN27
Collection Method: INTERPOLATION-PHOTO
Verified:
Comment: Tank pit at NW wall of industrial arts bldg; 55' S of SW corner of school building
Hyperlink:

Affiliation Information

Type: Leak Contact
Title:
Org Duns:
Name: JOHN ROEDERER
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Recorder
Title:
Org Duns:
Name: SCHRUNK
Org Name:
Mail Address:
Mail Address 2:
Mail Supp:
Mail City:
Mail State:
Mail Zip:
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Type: Leak Reporter
Title:
Org Duns:
Name: SCOTT BEHRENDS
Org Name: TCT
Mail Address: 2213 LAPORTE RD
Mail Address 2:
Mail Supp:
Mail City: WATERLOO
Mail State: IA
Mail Zip: 507020000
Email:
Undeliverable?:
Aff Start Date:
Aff End Date:

Initial Release - Cause

Leak Cause: Unknown

Initial Release - Released Products

Leaked Product: Gasoline
Amount Leaked:

Initial Release - Site Officials

Official: Unknown

Cost Administration

LUST Cost Admin ID: 3682
Owner Identified: -1
Resp Party Found: -1
RP Found Date: 08-May-1991 00:00:00
Owner Broke ID: 2
ER Start Date:
Amount Recovered:
Start Date:
End Date:
Notice of Intent Dt:
Appeal of Notice Dt:
Final Decision Date:
EPC Apprv of Lien Dt:
Ten Year Renewal Dt:
Memo:

Lien Date:
Amended Lien Date:
CR Lien Amended?: 0
Lien Removal Date:
Created Date: 08-Jan-2007 21:54:44
Created By: migration
Last Changed: 08-Jan-2007 21:54:44
Changed By: migration

Initial Tracking Information

Initial Trackin ID: 3174
Start Date: 18-Jun-1991 00:00:00
Site Check Due Dt:
Site Check Rcvd Dt:
Site Check Appr Dt:
Site Check Rjct Dt:
Assessment Due Dt:
Assessment Rcvd Dt:

Assess Approvd Dt:
Cleanup Due Date:
Cleanup Rcvd Date:
Cleanup Apprvd Dt:
Created Date: 08-Jan-2007 21:54:26
Created by: lustsiteclass
Last Changed: 08-Jan-2007 21:54:26
Changed By: lustsiteclass

Initial Tracking Miscellaneous Information

IT Miscellaneos ID: 3298
Due Date:
Received Date:
Other:
Title:

Created Date: 08-Jan-2007 21:54:27
Created By: lustsiteclass
Last Changed: 08-Jan-2007 21:54:27
Changed By: lustsiteclass

Tier 1

Tier 1 ID: 3174
Actual-Drinking Water Well: 0
Potential-Non-Drink Water Well: 0
Potential-Protected Grndwtr: 0
Grndwtr Vap to Enclose Space: 0
Grndwtr to Plastic Water Line: 0
Surface Water: 0
Soil Leaching to Groundwater: 0
Soil Vapor to Enclosed Space: 0

Soil to Plastic Water Line: 0
Consultant Recommends: NFA

Tier 1 Dates

Due Date: 20-Apr-1998 00:00:00
Received Date: 13-Aug-1998 00:00:00
Accepted Date: 05-Jan-1999 00:00:00
Rejected Date:
Reviewed By:
GWP:

Tier 2

Tier 2 ID: 3174
Actual-Drinking Water Well:
Potential-Non-Drink Water Well:
Potential-Protected Grndwtr:
Grndwtr Vap to Enclose Space:
Grndwtr to Plastic Water Line:
Surface Water-General Use:
Surface Water-Designated Use:
Soil Leaching to Groundwater:
Soil Vapor to Enclosed Space:
Soil to Plastic Water Line:
Consultant Recommends:

Free Product Report

Letter Sent Date: 30-Jan-1995 00:00:00
FP Recovery End Date: 05-Jan-1999 00:00:00
Reporting Frequency:
Free Product ID: 3174

Classification

Priority Ranking: No Action (proposed)
Risk Class Date: 05-Jan-1999 00:00:00
Risk Class Desc: No Action
Sent to EPA:
EPA Case No:
Release Not Verified:
Sent to Contam Sites:
No Act Req-Free Prod: 0
No Act Req-Not Elig for NFA:
Cleanup Start Date: 30-Jan-1995 00:00:00
Cleanup Compl Dt: 05-Jan-1999 00:00:00
Inst Ctrl Obtained: -1
IC Date: 05-Jan-1999 00:00:00
IC Type: DEED RESTRICTIONS - historical

Remediation Report

Remediatn Tech ID: 3215
UIC Permit Date:

DNR LUST Search Result

Leak No: 8LTN27
Leak Classification: No Action Required
DC:

18	*1 of1*	*W*	*0.75 / 3,974.94*	*795.41 / -75*	***CHAS ZIMMER QUARRY*** ***JONES COUNTY*** ***ANAMOSA IA 52205***	***MRDS***

Dep ID: 10242846
Dev Status: PAST PRODUCER
Code List: STN_C
I1: 10
Latitude: 42.116089
Longitude: -91.303406

Url: http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10242846

Commodity

I1:	74	***Line:***	1
Code:	STN_C	***Inserted By:***	MAS migration
Commodity:	Stone, Crushed/Broken	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Stone, Crushed	***Update Date:***	29-OCT-2002 09:02:11
Importance:	Primary		

Names

I1:	35	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Chas Zimmer Quarry	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CERCLIS	ANAMOSA PUBLIC WATER SUPPLY	CITY HALL S FORD ST ***Site EPA ID:*** IAD981717408	ANAMOSA IA	52205	805417173
CERCLIS NFRAP	ANAMOSA PUBLIC WATER SUPPLY	CITY HALL S FORD ST ***Site EPA ID:*** IAD981717408	ANAMOSA IA	52205	805493556
SEMS ARCHIVE	ANAMOSA PUBLIC WATER SUPPLY	CITY HALL S FORD ST ***EPA ID:*** IAD981717408	ANAMOSA IA	52205	828856094

Unplottable Report

Site: ***ANAMOSA PUBLIC WATER SUPPLY***
CITY HALL S FORD ST ANAMOSA IA 52205

CERCLIS

Site ID:	0702087	***RNPL Status Code:***	N
Site EPA ID:	IAD981717408	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	JONES	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	19105	***USGS Hydro Unit No.:***	07080103
Region Code:	07	***Site Cong. Dist. Code:***	01
Site SMSA No.:		***ROT Desc:***	Unknown
Site Prim. Latitude:	42D06M27S	***FR NPL Update No.:***	
Site Prim. Longitude:	091D17M05S	***RFRA Code:***	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	9/27/1993 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	6/3/1987 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	

RAT Level:
RAT DEF OU:
RFBS Code:
SPA Code:
RAT Def:
Site Desc: No description available
.
Site Alias: No alias data available

SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	State (Fund)
Act Code ID:	001	***Act Start Date:***	8/4/1988 00:00:00
RAT Code:	PA	***Act Complete Date:***	8/12/1988 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	2/1/1993 00:00:00
RAT Code:	SI	***Act Complete Date:***	9/27/1993 00:00:00
RAT Short Name:	SI	***AGT Order No.:***	160
RAT Name:	SITE INSPECTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.
Site Desc:
Site Alias:

Site: ***ANAMOSA PUBLIC WATER SUPPLY***
CITY HALL S FORD ST ANAMOSA IA 52205

CERCLIS NFRAP

Site ID:	702087	***Site FIPS Code:***	19105
Site EPA ID:	IAD981717408	***Region Code:***	7
Site Parent ID:		***Site Cong. Dist. Code:***	1
Site County Name:	JONES	***Federal Facility:***	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	2/1/1993
Act Code ID:	1	***Act Complete Date:***	9/27/1993
RAT Code:	SI	***AGT Order No.:***	160
RAT Short Name:	SI	***SH OU:***	
RAT Name:	SITE INSPECTION	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:	P	***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	NFRAP
RALT Short Name:	EPA Fund	***RNPL Status Code:***	N

RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	6/3/1987
RAT Code:	DS	***AGT Order No.:***	10
RAT Short Name:	DISCVRY	***SH OU:***	
RAT Name:	DISCOVERY	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA Fund	***RNPL Status Code:***	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	8/4/1988
Act Code ID:	1	***Act Complete Date:***	8/12/1988
RAT Code:	PA	***AGT Order No.:***	130
RAT Short Name:	PA	***SH OU:***	
RAT Name:	PRELIMINARY ASSESSMENT	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:	P	***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	Low priority
RALT Short Name:	State (Fund)	***RNPL Status Code:***	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	9/27/1993
RAT Code:	VS	***AGT Order No.:***	1500
RAT Short Name:	ARCH SITE	***SH OU:***	
RAT Name:	ARCHIVE SITE	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA In-House	***RNPL Status Code:***	N

RAT Def: The decision is made that no further activity is planned at the site.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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Site: ***ANAMOSA PUBLIC WATER SUPPLY***
CITY HALL S FORD ST ANAMOSA IA 52205

SEMS ARCHIVE

Site ID:	0702087	***FIPS Code:***	19105
EPA ID:	IAD981717408	***Cong District:***	01
Superfund Alte Agr:	No	***Region:***	07
Federal Facility:	No	***County:***	JONES
FF Docket:	No		

NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units:	00	***Qual:***	
Action Code:	VS	***SEQ:***	1
Action Name:	ARCH SITE	***FF:***	N
Start Actual:		***FF Docket:***	N
Finish Actual:	09/27/1993	***Region:***	07
Curr Action Lead:	EPA Perf In-Hse		

Operable Units:	00	***Qual:***	
Action Code:	DS	***SEQ:***	1
Action Name:	DISCVRY	***FF:***	N
Start Actual:	06/03/1987	***FF Docket:***	N
Finish Actual:	06/03/1987	***Region:***	07
Curr Action Lead:	EPA Perf		

Operable Units:	00	***Qual:***	N
Action Code:	SI	***SEQ:***	1
Action Name:	SI	***FF:***	N
Start Actual:	02/01/1993	***FF Docket:***	N
Finish Actual:	09/27/1993	***Region:***	07
Curr Action Lead:	EPA Perf		

Operable Units:	00	***Qual:***	L
Action Code:	PA	***SEQ:***	1
Action Name:	PA	***FF:***	N
Start Actual:	08/04/1988	***FF Docket:***	N
Finish Actual:	08/12/1988	***Region:***	07
Curr Action Lead:	St Perf		

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Oct 26, 2023

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Sep 19, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Sep 19, 2023

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

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Oct 2, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Oct 2, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Oct 2, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Oct 2, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jul 10, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jul 10, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Oct 2, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 26, 2023

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 26, 2023

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Oct 26, 2023

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Aug 12, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Mar 13, 2023

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: May 2, 2023

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: May 2, 2023

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Sep 22, 2023

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Sep 19, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Sep 19, 2023

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

Registry of Hazardous Waste or Hazardous Substance Disposal Sites: SHWS

This Registry of Hazardous Waste or Hazardous Substance Disposal Sites is maintained by the Iowa Department of Natural Resources. Hazardous disposal sites may have been plotted using Township, Section and Range and display approximate locations. Please note not all the known hazardous waste or contaminated sites that exist in the state are listed on the Registry. This database is state equivalent CERCLIS.

Government Publication Date: Dec 30, 2022

Removed from the Registry of Hazardous Waste or Hazardous Substance Disposal Sites: DEL SHWS

A list of sites that have been delisted or removed from the Registry of Hazardous Waste or Hazardous Substance Disposal Sites. This list was made available by the Department of Natural Resources (DNR). This database is state equivalent CERCLIS.

Government Publication Date: Dec 31, 2022

Delisted Registry of Hazardous Waste or Hazardous Substance Disposal Sites: DELISTED SHWS

List of sites which once appeared on - and have since been removed from - either the Hazardous Substance Remedial Fund and Sites Registry, or the list of sites removed from it, made available by the Iowa Department of Natural Resources (DNR). The hazardous disposal sites have been plotted using Township, Section and Range and display approximate locations.

Government Publication Date: Oct 24, 2023

Contaminated Sites in Iowa: CONT

The Contaminated Sites Section of the Iowa Department of Natural Resources (DNR) deals with a range of situations that involve contamination caused by a release of hazardous materials or hazardous waste products.

Government Publication Date: Oct 24, 2023

Solid Waste Management Facilities with Permits by the Iowa DNR: SWF/LF

The Iowa Department of Natural Resources (DNR) regulates the operation of facilities that manage, process and dispose solid waste. These facilities include sanitary landfills, appliance demanufacturing facilities, transfer stations, land application sites, incinerators, composting facilities, household hazardous materials sites, waste tire management and material recovery facilities. It includes all sites which are permitted or have had permits. It does not include non-permitted closed dumps.

Government Publication Date: Sep 15, 2022

Leaking Underground Storage Tank Sites in Iowa: LUST

A list of Leaking Underground Storage Tank (LUST) sites where petroleum contamination has been found. This list was made available by a joint venture of the Iowa Department of Natural Resources (DNR) and the Public Safety State Fire Marshal Office (SFM).

Government Publication Date: Jul 5, 2023

Leaking Aboveground Storage Tanks: LAST

A list of leaking aboveground storage tank (LAST) sites made available by the Iowa Department of Natural Resources (DNR).

Government Publication Date: Oct 24, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of sites removed from either the Leaking Underground Storage Tank (LUST) sites list or the Leaking Aboveground Storage Tank (LAST) sites list made available by the Iowa Department of Natural Resources (DNR).

Government Publication Date: Oct 24, 2023

Underground Storage Tanks in Iowa: UST

The Underground Storage Tanks (UST) Section of the Department of Natural Resources (DNR) is responsible for the regulation of underground storage tank systems used for the storage of regulated substances, primarily petroleum products.

Government Publication Date: Jul 5, 2023

Aboveground Storage Tanks: AST

A list of aboveground storage tanks (AST) that contain primarily the aboveground storage of combustible or flammable products. This list is maintained by a joint venture between the Iowa Department of Natural Resources (DNR) and the Public Safety State Fire Marshal Office (SFM).

Government Publication Date: Oct 26, 2017

Aboveground Storage Tanks (State Fire Marshal): SFM AST

A list of aboveground storage tanks (AST) that primarily store combustible or flammable liquids. Aboveground petroleum storage tanks that are greater than 1,100 gallons in capacity must be registered with the state fire marshal's office. This list is provided by the Iowa Department of Public Safety's State Fire Marshal Division (SFM).

Government Publication Date: Nov 1, 2023

Delisted Storage Tanks: DELISTED TANK

This database contains a list of storage tank sites that were removed by the Department of Natural Resources (DNR) from Storage Tanks Section.

Government Publication Date: Nov 1, 2023

Sites with Institutional Controls: INST

A list of sites in the Land Recycling Program (LRP) that have Institutional Controls in place. This list was made available by the Iowa Department of Natural Resources (DNR).

Government Publication Date: Oct 24, 2023

Land Recycling Program Sites: VCP

The Land Recycling Program (LRP) of the Iowa Department of Natural Resources (DNR) allows owners or other stakeholders of a property to voluntarily assess and implement remedial actions at a site that is contaminated or is perceived to be contaminated. The assessment of the property must address the severity of the contamination problems and the risks associated with the contamination.
Government Publication Date: Oct 24, 2023

Brownfields Sites Listing: BROWNFIELDS
Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. The Iowa Department of Natural Resources (DNR) tracks brownfield sites as well as targeted brownfields assessment sites.
Government Publication Date: Oct 24, 2023

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST
This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 7, which includes Iowa, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Oct 12, 2017

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST
This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 7, which includes Iowa, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 25, 2023

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST
Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST
Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 26, 2023

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS
The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).
Government Publication Date: Sep 8, 2023

Toxics Release Inventory (TRI) Program: TRIS
The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.
Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Sep 14, 2023

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to September 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Sep 5, 2023

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills: ERNS PFAS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Sep 23, 2023

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Sep 4, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Oct 11, 2023

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Apr 16, 2023

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: Mar 6, 2023

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Oct 26, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: Jan 21, 2023

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jul 23, 2023

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jul 23, 2023

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Dec 30, 2022

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: May 25, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 30, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2023

State

Spill incidents reported to Iowa DNR and tracked in the Hazardous Substance Incident database: SPILLS

Spill incidents reported to the Iowa Department of Natural Resources (DNR) and tracked in the Hazardous Substance Incident database.

Government Publication Date: Oct 25, 2023

Dry Cleaning Facilities: DRYCLEANERS

A listing of drycleaners in Iowa. This is maintained by Iowa's Department of Natural Resources's Air Bureau Quality.

Government Publication Date: Sep 15, 2023

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites which onece appeared on - and have since been removed from - the list of drycleaners made available by Iowa's Department of Natural Resources Air Quality Bureau.

Government Publication Date: Sep 15, 2023

Air Permitted Facilities: AIR PERMITS

The Iowa Department of Natural Resources (DNR) maintains this list of facilities with operating permits for Title V of the Federal Clean Air Act, as well as facilities required to submit an air emissions inventory, and other facilities with air quality interest such as Feed Mills, Group 1 Grain Elevators, and Permit By Rule (PBR) Spray Booths.

Government Publication Date: Sep 15, 2023

Per- and Polyfluoroalkyl Substances (PFAS) Use or Release: PFAS

List of known or suspected Per- and Polyfluoroalkyl Substances (PFAS) release locations and sites engaged in a business type that is known to use PFAS in some manner. Data made available by the Iowa Department of Natural Resources.

Government Publication Date: Jan 13, 2021

Liens Filed Listing: LIENS

A list of Underground Storage Tank Fund Liens maintained by the Iowa Department of Natural Resources.

Government Publication Date: Oct 17, 2023

Tier 2 Report: TIER 2

A list of Tier II facilities sourced from the Iowa Department of Natural Resources. Facilities that store hazardous chemicals above certain quantities must submit an annual emergency and hazardous chemical inventory on a Tier II form. This is a requirement of Section 311/312 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA).

Government Publication Date: Aug 14, 2023

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX D

SUPPORTING DOCUMENTS

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23112800231p
Date Completed:		November 28, 2023
Project Number:		3607
Project Property:		ECIA - Broadway 104 Broadway Place Anamosa IA 52205
Coordinates:		
	Latitude:	42.11315872
	Longitude:	-91.28827289
	UTM Northing:	4663757.99917 Meters
	UTM Easting:	641511.890209 Meters
	UTM Zone:	UTM Zone 15T
	Elevation:	870.66 ft
	Slope Direction:	N

Topographic Information....2
Hydrologic Information....4
Geologic Information....9
Soil Information....11
Wells and Additional Sources....24
Summary....25
Detail Report....31
Radon Information....132
Appendix....133
Liability Notice....135

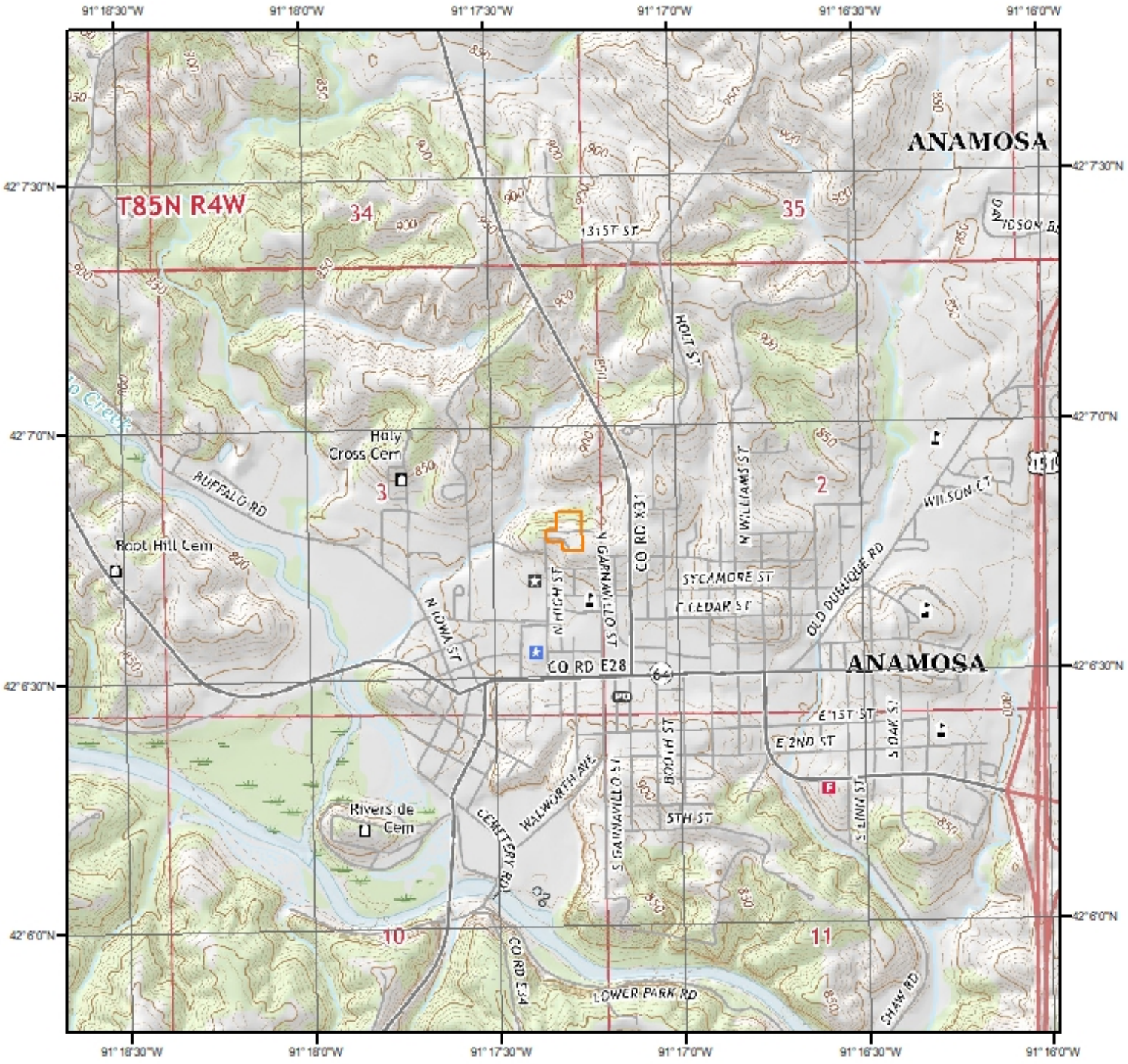
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2018)

Quadrangle(s): Anamosa NE, IA; Anamosa, IA

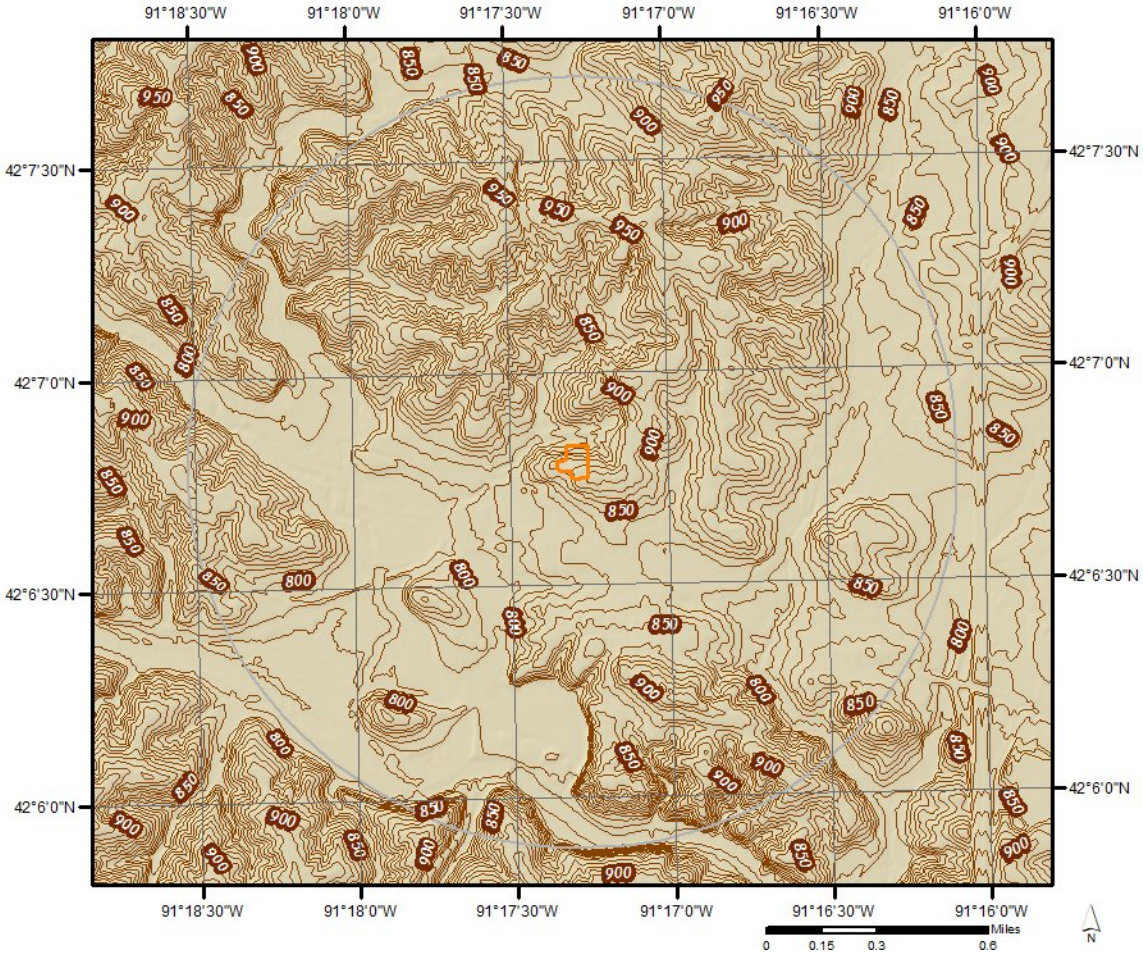
Source: USGS 7.5 Minute Topographic Map

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

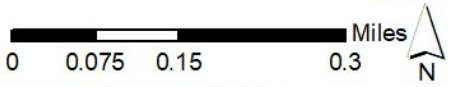
Topographic information at project property:

Elevation:	870.66 ft
Slope Direction:	N



Hydrologic Information

Wetland



This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

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

ERIS

Hydrologic Information

Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 0.2 0.4

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Anamosa NE,IA; Anamosa,IA

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	19113C0250E(effective:2021-07-20) 19113C0375E(effective:2021-07-20) 19105C0125F(effective:2021-11-19) 19105C0210F(effective:2021-11-19)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

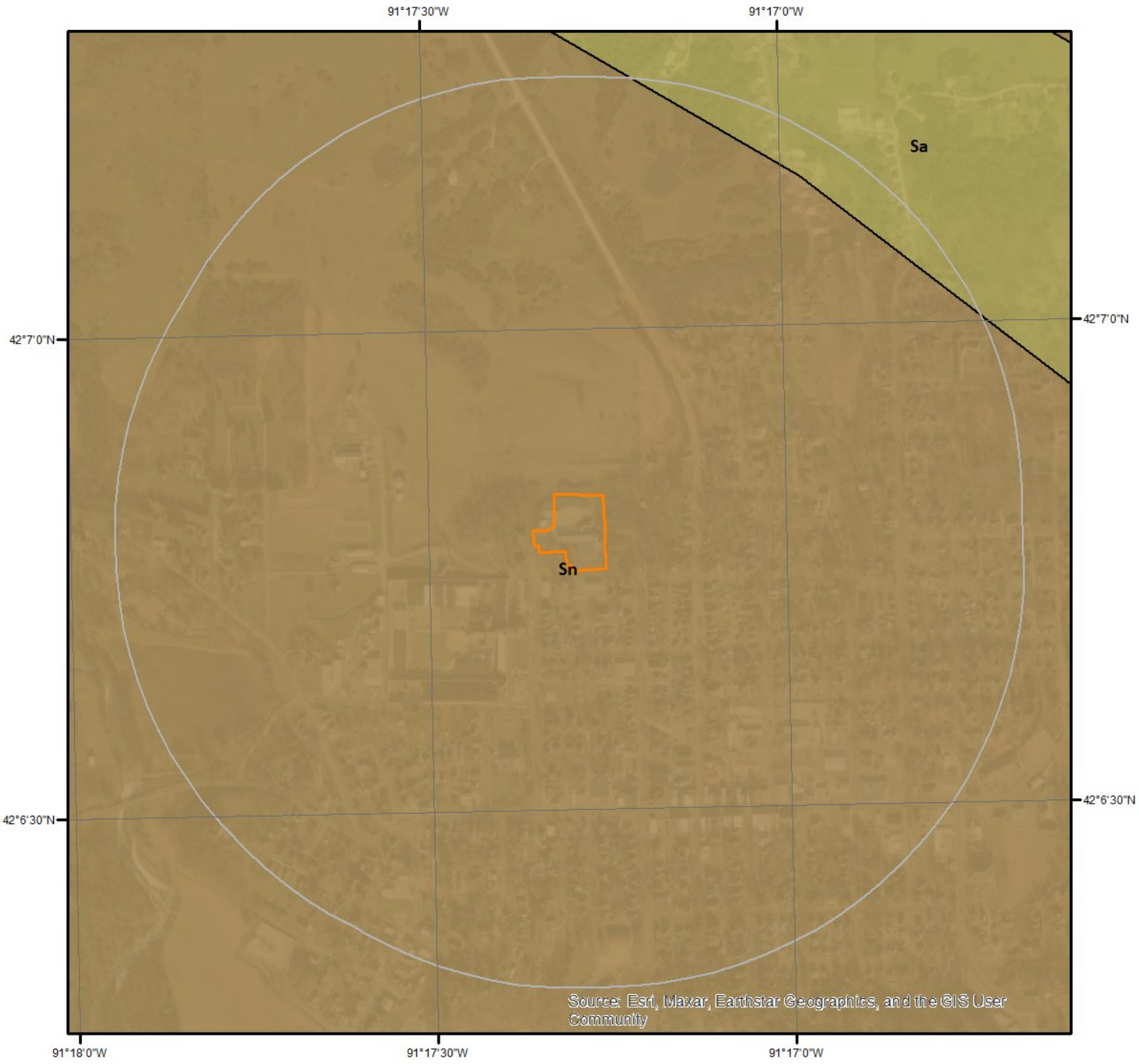
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



0 0.2 0.4 Miles N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

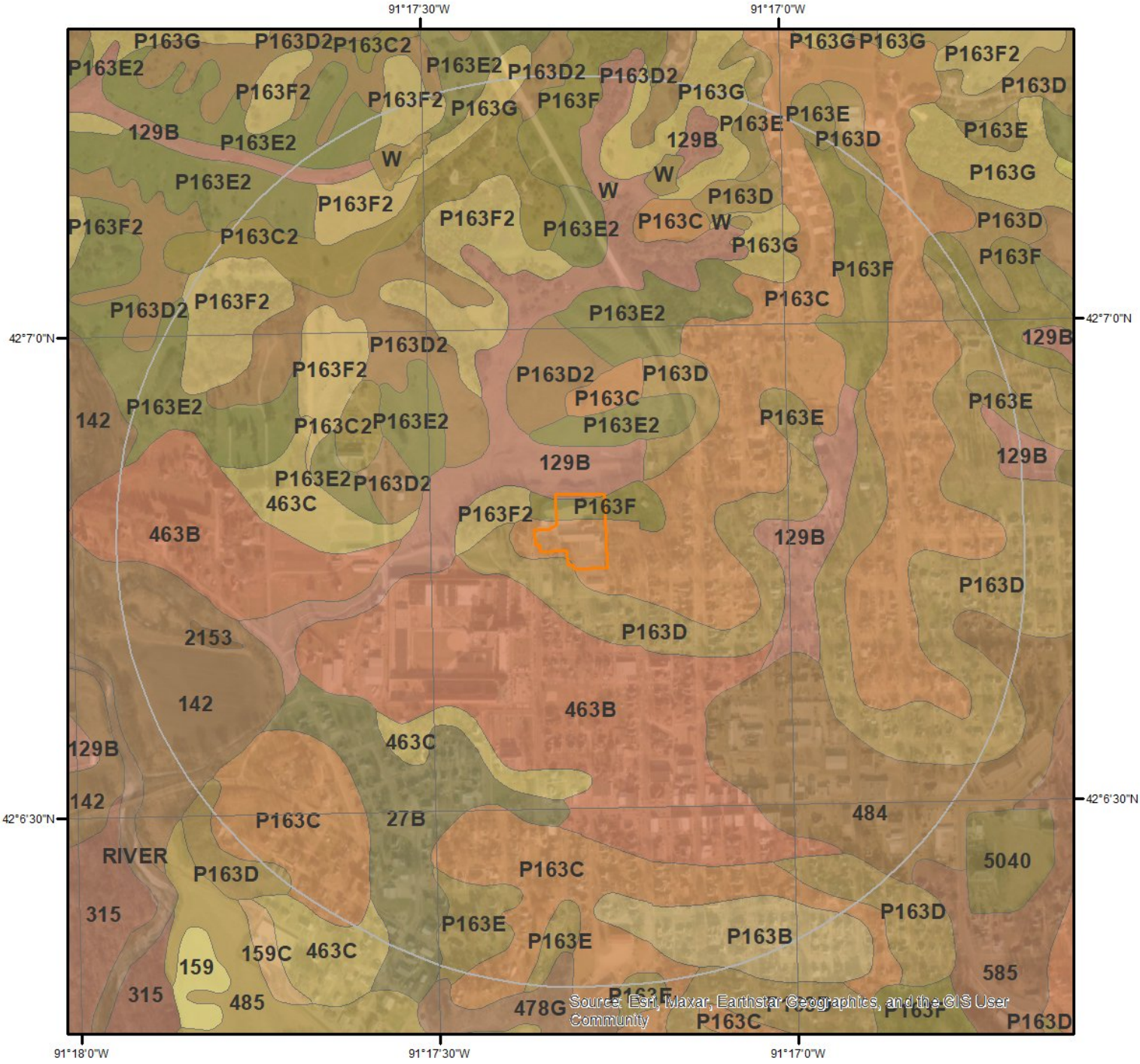
Geologic Unit Sn

Unit Name:	Niagaran Series
Unit Age:	Phanerozoic | Paleozoic | Silurian
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	chert
Unit Description:	Gower Dolomite- LeClaire (reef phase) tough, greenish-blue dolomite; Anamosa (inner-reef) soft, yellowish-brown, thin-bedded dolomite. Hopkinton Dolomite- light colored dolomite with nodular chert.

Geologic Unit Sa

Unit Name:	Alexandrian Series
Unit Age:	Phanerozoic | Paleozoic | Silurian
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	chert
Unit Description:	Kankakee Formation- light colored dolomite; contains much interbedded chert. Approx thickness 155 ft. Englewood Dolomite- gray, sandy, silty, argillaceous dolomite. Approx thickness 55 ft

Soil Information



SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 129B (6.3%)

Map Unit Name:	Arenzville-Chaseburg complex, 1 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Arenzville(50%)	
horizon A(0cm to 20cm)	Silt loam
horizon C(20cm to 66cm)	Stratified silt loam
horizon Ab(66cm to 142cm)	Silt loam
horizon C'(142cm to 200cm)	Stratified silt loam to very fine sand
Chaseburg(45%)	
horizon A(0cm to 25cm)	Silt loam
horizon C(25cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 129B - Arenzville-Chaseburg complex, 1 to 5 percent slopes

Component: Arenzville (50%)
The Arenzville component makes up 50 percent of the map unit. Slopes are 2 to 5 percent. This component is on drainageways on uplands. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Chaseburg (45%)
The Chaseburg component makes up 45 percent of the map unit. Slopes are 2 to 5 percent. This component is on drainageways on uplands. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Orion (5%)
Generated brief soil descriptions are created for major components. The Orion soil is a minor component.

Map Unit 142 (7.83%)

Map Unit Name:	Chaseburg silt loam, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Chaseburg(90%)

horizon A(0cm to 25cm)	Silt loam
horizon C(25cm to 200cm)	Stratified silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 142 - Chaseburg silt loam, 0 to 2 percent slopes

Component: Chaseburg (90%)
The Chaseburg component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on river valleys. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Arenzville (5%)
Generated brief soil descriptions are created for major components. The Arenzville soil is a minor component.

Component: Orion (5%)
Generated brief soil descriptions are created for major components. The Orion soil is a minor component.

Map Unit 2153 (0.07%)

Map Unit Name:	Shandep clay loam, 0 to 2 percent slopes, ponded, occasionally flooded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Shandep(90%)

horizon A1(0cm to 13cm)	Clay loam
horizon A2(13cm to 64cm)	Clay loam
horizon A3(64cm to 74cm)	Clay loam
horizon Bg1(74cm to 94cm)	Clay loam
horizon Bg2(94cm to 114cm)	Loam
horizon 2Cg(114cm to 200cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 2153 - Shandep clay loam, 0 to 2 percent slopes, ponded, occasionally flooded

Component: Shandep (90%)
The Shandep, ponded, occasionally flooded component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on stream terraces on river valleys. The parent material consists of loamy alluvium over sandy and gravelly alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is occasionally flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 8 percent. This component is in the R104XY014IA Ponded Floodplain Marsh Bolboschoenus Fluviatilis-sagittaria Latifolia (river Bulrush-broadleaf Arrowhead) ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Coland (10%)
Generated brief soil descriptions are created for major soil components. The Coland, ponded, occasionally flooded soil is a minor component.

Soil Information

Map Unit 27B (2.86%)

Map Unit Name:	Terril loam, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Terril(95%)

horizon Ap(0cm to 20cm)	Loam
horizon A1(20cm to 58cm)	Loam
horizon A2(58cm to 91cm)	Loam
horizon Bw(91cm to 127cm)	Loam
horizon BC(127cm to 180cm)	Loam
horizon 2C(180cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 27B - Terril loam, 2 to 5 percent slopes

Component: Terril (95%)
The Terril component makes up 95 percent of the map unit. Slopes are 2 to 5 percent. This component is on alluvial fans on river valleys. The parent material consists of local loamy colluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during April. Organic matter content in the surface horizon is about 4 percent. This component is in the R104XY015IA Terrace Savanna Quercus Macrocarpa-fraxinus Pennsylvanica/elymus Virginicus-andropogon Gerardii (bur Oak-green Ash/virginia Wildrye-big Bluestem) ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Component: Rock Outcrop (5%)
Generated brief soil descriptions are created for major soil components. The Rock Outcrop soil is a minor component.

Map Unit 463B (10.39%)

Map Unit Name:	Fayette silt loam, benches, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(100%)

horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 117cm)	Silty clay loam
horizon H3(117cm to 152cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 463B - Fayette silt loam, benches, 2 to 5 percent slopes

Soil Information

Component: Fayette (100%)
The Fayette, terrace component makes up 100 percent of the map unit. Slopes are 2 to 5 percent. This component is on stream terraces, river valleys. The parent material consists of loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit 463C (2.5%)

Map Unit Name:	Fayette silt loam, benches, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(100%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 117cm)	Silty clay loam
horizon H3(117cm to 152cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 463C - Fayette silt loam, benches, 5 to 9 percent slopes

Component: Fayette (100%)
The Fayette, terrace component makes up 100 percent of the map unit. Slopes are 5 to 9 percent. This component is on stream terraces, river valleys. The parent material consists of loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit 478G (1.5%)

Map Unit Name:	Nordness-Rock outcrop complex, 18 to 60 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Nordness(45%)	
horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 20cm)	Loam
horizon H3(20cm to 36cm)	Silty clay loam
horizon H4(36cm to 46cm)	Bedrock
Rock Outcrop(40%)	
horizon R(0cm to 203cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: 478G - Nordness-Rock outcrop complex, 18 to 60 percent slopes

Component: Nordness (45%)
The Nordness component makes up 45 percent of the map unit. Slopes are 18 to 40 percent. This component is on uplands, hillslopes. The parent material consists of loamy or silty material over clayey residuum over limestone or dolomite. Depth to a root restrictive layer, bedrock, lithic, is 8 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Rock Outcrop (40%)
Generated brief soil descriptions are created for major soil components. The Rock Outcrop is a miscellaneous area.

Component: Dubuque (15%)
Generated brief soil descriptions are created for major components. The Dubuque soil is a minor component.

Map Unit 484 (4.71%)

Map Unit Name:	Lawson silt loam, 0 to 2 percent slopes, occasionally flooded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	30cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lawson(95%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon A(20cm to 76cm)	Silt loam
horizon C(76cm to 200cm)	Stratified silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 484 - Lawson silt loam, 0 to 2 percent slopes, occasionally flooded

Component: Lawson (95%)
The Lawson, occasionally flooded component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood-plain steps on river valleys. The parent material consists of fine-silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 5 percent. This component is in the F108CY529IA Loamy Floodplain Forest Quercus Bicolor-quercus Macrocarpa/celtis Occidentalis/elymus Virginicus-rudbeckia Laciniata (swamp White Oak-bur Oak/common Hackberry/virginia Wildrye-cutleaf Coneflower) ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Colo (5%)
Generated brief soil descriptions are created for major soil components. The Colo, occasionally flooded soil is a minor component.

Map Unit P163B (1.73%)

Map Unit Name:	Fayette silt loam, paha, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Soil Information

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163B - Fayette silt loam, paha, 2 to 5 percent slopes

Component: Fayette (95%)
The Fayette component makes up 95 percent of the map unit. Slopes are 2 to 5 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163C (20.63%)

Map Unit Name:	Fayette silt loam, paha, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163C - Fayette silt loam, paha, 5 to 9 percent slopes

Component: Fayette (95%)
The Fayette component makes up 95 percent of the map unit. Slopes are 5 to 9 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability

classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163C2 (2.27%)

Map Unit Name:	Fayette silt loam, paha, 5 to 9 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163C2 - Fayette silt loam, paha, 5 to 9 percent slopes, eroded

Component: Fayette (95%)
The Fayette, eroded component makes up 95 percent of the map unit. Slopes are 5 to 9 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Map Unit P163D (11.7%)

Map Unit Name:	Fayette silt loam, paha, 9 to 14 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam

horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163D - Fayette silt loam, paha, 9 to 14 percent slopes

Component: Fayette (85%)
The Fayette component makes up 85 percent of the map unit. Slopes are 9 to 14 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick soil is a minor component.

Map Unit P163D2 (5.63%)

Map Unit Name:	Fayette silt loam, paha, 9 to 14 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163D2 - Fayette silt loam, paha, 9 to 14 percent slopes, eroded

Component: Fayette (85%)
The Fayette, eroded component makes up 85 percent of the map unit. Slopes are 9 to 14 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)

Soil Information

Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick, eroded soil is a minor component.

Map Unit P163E (2.08%)

Map Unit Name:	Fayette silt loam, paha, 14 to 18 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163E - Fayette silt loam, paha, 14 to 18 percent slopes

Component: Fayette (85%)
The Fayette component makes up 85 percent of the map unit. Slopes are 14 to 18 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick soil is a minor component.

Map Unit P163E2 (9.14%)

Map Unit Name:	Fayette silt loam, paha, 14 to 18 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163E2 - Fayette silt loam, paha, 14 to 18 percent slopes, eroded

Component: Fayette (85%)
The Fayette, eroded component makes up 85 percent of the map unit. Slopes are 14 to 18 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick, eroded soil is a minor component.

Map Unit P163F (3.83%)

Map Unit Name:	Fayette silt loam, paha, 18 to 25 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163F - Fayette silt loam, paha, 18 to 25 percent slopes

Component: Fayette (90%)
The Fayette component makes up 90 percent of the map unit. Slopes are 18 to 25 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60

inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163F2 (4.43%)

Map Unit Name:	Fayette silt loam, paha, 18 to 25 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163F2 - Fayette silt loam, paha, 18 to 25 percent slopes, eroded

Component: Fayette (90%)
The Fayette, eroded component makes up 90 percent of the map unit. Slopes are 18 to 25 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Map Unit P163G (2.06%)

Map Unit Name:	Fayette silt loam, paha, 25 to 40 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163G - Fayette silt loam, paha, 25 to 40 percent slopes

Component: Fayette (90%)
The Fayette component makes up 90 percent of the map unit. Slopes are 25 to 40 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit W (0.32%)

Map Unit Name: Water

No more attributes available for this map unit

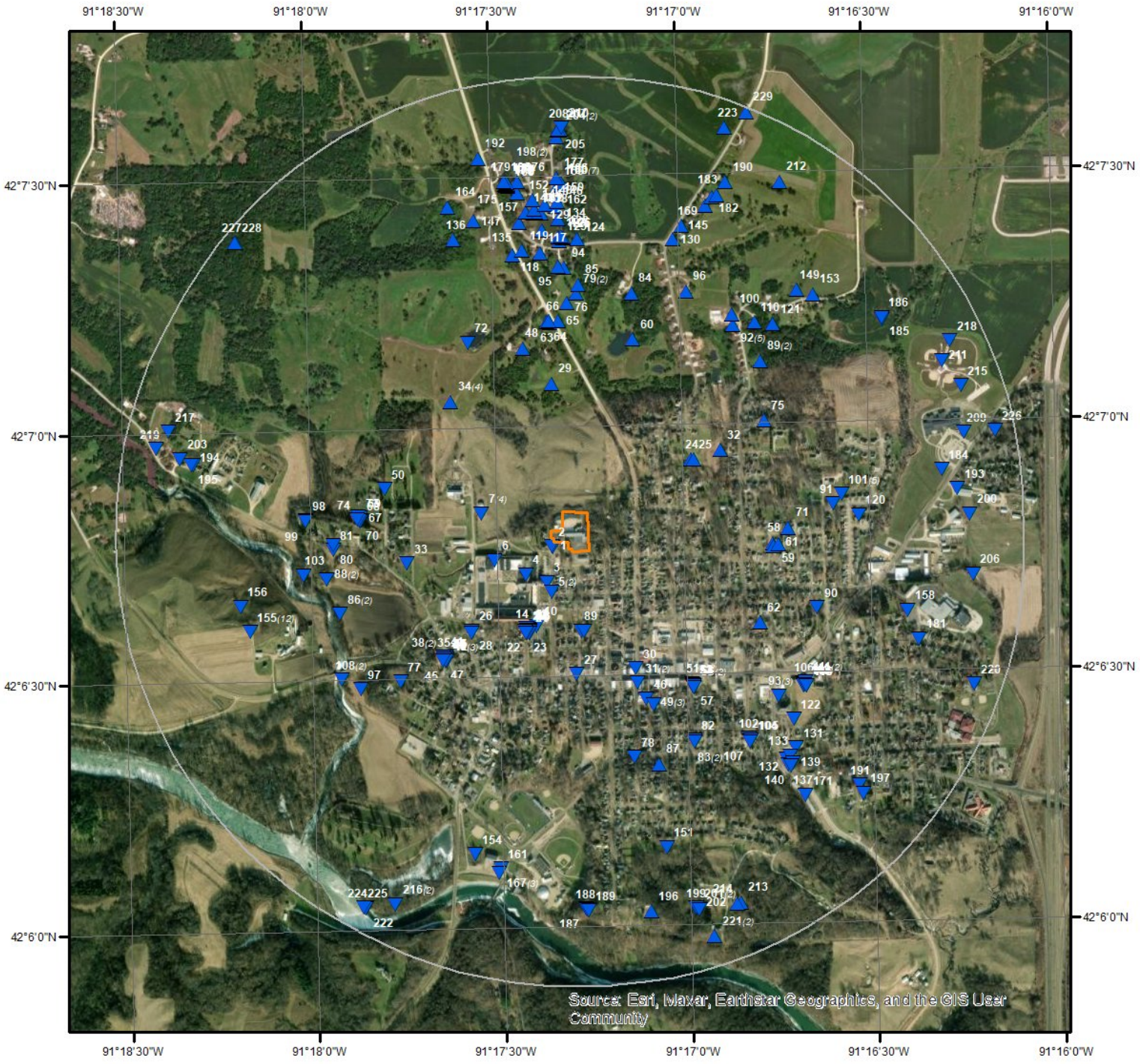
Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
5	IA5300947	552.87	SSW
31	IA5307048	1718.14	SSE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
5	IA5300947	552.87	SSW
31	IA5307048	1718.14	SSE

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
6	USGS-420644091173001	736.42	WSW
46	USGS-420631091172001	1941.73	SSE
91	USGS-420650091163601	2975.45	E
100	USGS-420718091165401	2975.17	NE
108	USGS-05421720	3070.08	WSW
108	USGS-420630091175501	3070.08	WSW
156	USGS-420639091181101	3856.90	WSW
161	USGS-420606091173001	3953.21	SSW
216	USGS-420603091174701	4789.28	SSW
216	USGS-420603091174711	4789.28	SSW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Wells

Map Key	Prog ID	Distance (ft)	Direction
3	IA5300947	487.68	SSW
10	IA5300947	1007.79	SSW
30	IA5307048	1551.10	SSE
62	IA5307048	2259.13	ESE
110	IA5307048	3069.06	NE
181	IA5790501	4145.36	ESE

Wells and Additional Sources Summary

Water Well Database

Map Key	Well ID	Distance (ft)	Direction
1	15178	66.52	SW
2	15067	68.13	SW
4	30861	528.08	SW
7	797	864.60	W
7	66896	864.60	W
7	2587438	864.60	W
7	797	864.60	W
8	59103	978.02	S
9	59102	977.53	S
11	46263	1077.65	SSW
12	46266	1085.29	SSW
13	46262	1088.08	SSW
14	46267	1094.54	SSW
15	46268	1097.63	SSW
16	46270	1100.74	SSW
17	46265	1108.69	SSW
18	46269	1120.41	SSW
19	46260	1119.33	SSW
20	44972	1124.55	SSW
21	46261	1121.97	SSW
22	46259	1129.15	SSW
23	46264	1137.71	SSW
24	4762	1408.48	ENE
25	6925	1433.49	ENE
26	16973	1474.36	SW
27	2121449	1498.32	S
28	20379	1492.61	SW
29	2099417	1560.15	N
32	2115277	1778.71	ENE
33	2115336	1775.46	W
34	2587439	1893.59	NW
34	66897	1893.59	NW
34	702	1893.59	NW
34	702	1893.59	NW
35	6970	1916.52	SW
36	6957	1929.87	SW
37	6964	1930.54	SW
38	6962	1936.10	SW
38	6968	1936.10	SW
39	6958	1939.69	SW
40	6967	1942.42	SW
41	6956	1941.44	SW
42	6959	1948.74	SW
43	6965	1950.21	SW
43	6969	1950.21	SW
43	6966	1950.21	SW
44	6960	1953.43	SW
45	6961	1956.88	SW
47	6963	1979.36	SW
48	79271	2038.45	NNW
49	2413050	2031.89	SSE
49	7306	2031.89	SSE
49	7306	2031.89	SSE
50	27676	2073.95	WNW
51	16858	2049.65	SE
52	16856	2059.62	SE
53	16857	2066.47	SE
54	16854	2074.01	SE
55	16853	2081.85	SE
56	16855	2088.05	SE

56	16850	2088.05	SE
57	16859	2101.47	SE
58	74513	2241.75	E
59	76414	2247.31	E
60	2077673	2170.91	NNE
61	71754	2299.69	E
63	2379	2298.94	N
64	79463	2307.40	N
65	2129188	2319.85	N
66	13961	2320.62	N
67	57086	2304.87	W
68	79380	2318.00	W
69	57085	2319.14	W
70	57084	2331.02	W
71	2222940	2429.01	E
72	2113872	2340.73	NNW
73	44886	2341.04	W
74	44885	2350.16	W
75	2167711	2412.88	ENE
76	2035986	2540.67	N
77	2143595	2523.08	SW
78	2109565	2578.22	SSE
79	58687	2651.48	N
79	65211	2651.48	N
80	2930	2647.20	W
81	78813	2648.60	W
82	23107	2638.50	SSE
83	2007657	2658.50	SSE
83	43671	2658.50	SSE
84	55878	2712.42	NNE
85	2038847	2762.75	N
86	49723	2717.32	WSW
86	2407728	2717.32	WSW
87	74484	2726.80	SSE
88	49722	2765.29	W
88	2409493	2765.29	W
89	95918	2788.00	NE
89	2592286	2788.00	NE
90	2207813	2855.23	ESE
92	21773	2879.42	NE
92	5704	2879.42	NE
92	21773	2879.42	NE
92	2408947	2879.42	NE
92	5704	2879.42	NE
93	2407545	2901.56	SE
93	35484	2901.56	SE
93	35484	2901.56	SE
94	2093313	2962.42	N
95	2113391	2975.79	N
96	2135364	2933.14	NNE
97	78897	2952.89	SW
98	46912	2976.88	W
99	79266	2978.88	W
101	31624	3086.48	E
101	3890	3086.48	E
101	31624	3086.48	E
101	2409638	3086.48	E
101	3890	3086.48	E
102	46936	2997.02	SE
103	78943	3029.46	W
104	23132	3029.84	SE
105	62805	3036.13	SE
106	22567	3053.74	ESE
107	62806	3037.65	SE
109	36255	3072.65	ESE
111	36256	3078.06	ESE

111	36257	3078.06	ESE
112	36260	3077.06	ESE
113	36254	3080.93	SE
114	36259	3089.85	ESE
115	36258	3110.54	ESE
116	36261	3114.01	ESE
117	2186017	3152.30	N
118	2127511	3166.63	NNW
119	2104796	3206.90	N
120	2916	3283.42	E
121	4164	3202.05	NE
122	2094349	3225.03	SE
123	81295	3286.26	N
124	12324	3311.54	N
125	17808	3317.32	N
126	17832	3329.37	N
127	2088239	3332.91	N
128	23070	3351.27	N
129	2143268	3423.34	N
130	2219009	3467.27	NNE
131	2194864	3479.48	SE
132	29602	3486.38	SE
133	29603	3496.80	SE
134	2109073	3558.86	N
135	58456	3545.10	N
136	15234	3548.89	NNW
137	29601	3554.93	SE
138	75977	3631.00	N
139	29599	3580.86	SE
140	29600	3586.43	SE
141	15099	3636.70	N
142	15069	3646.89	N
143	2077789	3659.15	N
144	2935	3686.27	N
145	2196649	3660.38	NNE
146	2092675	3710.84	N
147	2203137	3693.02	NNW
148	86553	3729.26	N
149	20645	3701.85	NE
150	86513	3760.28	N
151	2159815	3730.28	SSE
152	2144549	3801.55	N
153	2220886	3800.89	NE
154	23439	3863.66	SSW
155	15313	3823.78	WSW
155	15389	3823.78	WSW
155	15396	3823.78	WSW
155	18241	3823.78	WSW
155	15315	3823.78	WSW
155	15391	3823.78	WSW
155	15316	3823.78	WSW
155	15390	3823.78	WSW
155	15312	3823.78	WSW
155	15395	3823.78	WSW
155	15314	3823.78	WSW
155	15388	3823.78	WSW
157	86531	3908.40	N
158	2170646	3937.80	ESE
159	2138884	3955.50	N
160	58617	3959.81	N
162	58816	3964.00	N
163	2005230	3969.69	N
163	2005052	3969.69	N
163	60381	3969.69	N
163	47320	3969.69	N
163	57329	3969.69	N

163	47508	3969.69	N
163	54864	3969.69	N
164	2171918	3944.17	NNW
165	23110	3987.83	N
166	59125	3993.20	N
167	35483	4009.34	SSW
167	35483	4009.34	SSW
167	2412239	4009.34	SSW
168	47991	3999.27	N
169	2089044	3980.09	NNE
170	71767	4010.92	N
171	12299	3972.99	SE
172	29308	4018.82	N
173	48002	4020.76	N
174	23061	4028.38	N
175	23105	4027.47	NNW
176	86639	4038.44	N
177	86508	4052.39	N
178	23051	4043.73	N
179	56120	4051.78	N
180	47986	4060.74	NNW
182	2090979	4112.16	NNE
183	2169789	4157.31	NNE
184	2152919	4324.77	E
185	82962	4265.59	NE
186	72997	4274.38	NE
187	23099	4346.96	S
188	44936	4353.41	S
189	44974	4369.46	S
190	79240	4340.50	NNE
191	2096230	4355.06	SE
192	55671	4403.46	NNW
193	2098317	4489.35	E
194	81316	4411.51	W
195	55573	4432.00	W
196	2218705	4440.75	SSE
197	44218	4449.31	SE
198	86714	4551.89	N
198	2168963	4551.89	N
199	57083	4528.93	SSE
200	80580	4629.47	E
201	2005291	4538.63	SSE
201	47191	4538.63	SSE
202	23256	4565.93	SSE
203	2077607	4581.39	W
204	55615	4626.14	N
204	52218	4626.14	N
205	26858	4630.23	N
206	76931	4668.44	E
207	73964	4645.63	N
208	26855	4645.83	N
209	2151797	4666.51	ENE
210	26856	4653.53	N
211	2180789	4667.51	ENE
212	15333	4637.84	NNE
213	2143219	4649.90	SSE
214	2138285	4652.49	SSE
215	2153934	4775.62	ENE
217	2080138	4790.97	WNW
218	79971	4857.53	ENE
219	2183896	4890.88	W
220	14986	4943.72	ESE
221	68377	4922.89	SSE
221	2101033	4922.89	SSE
222	17102	4990.32	SSW
223	47130	4949.15	NNE

Wells and Additional Sources Summary

224	20532	5000.04	SSW
225	17100	5005.20	SSW
226	15061	5037.39	ENE
227	25778	5122.75	NW
228	59823	5132.93	NW
229	68409	5218.87	NNE

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.10	552.87	825.29	PWSV

Address Line 2:	406 N HIGH ST PO BOX 10
State Code:	IA
Zip Code:	52205-0010
City Name:	ANAMOSA
Address Line 1:	ATTN STEVE LECLERE
PWS ID:	IA5300947
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	GW
Primary Source Desc:	Groundwater
PWS Activity Code:	A
PWS Activity Description:	Active
PWS Deactivation Date:	
Phone Number:	319-462-3504

--Details--

Population Served Count:	1725
City Served:	ANAMOSA
County Served:	Jones
State Served:	IA
Zip Code Served:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.33	1,718.14	835.31	PWSV

Address Line 2:	107 S FORD
State Code:	IA
Zip Code:	52205
City Name:	ANAMOSA
Address Line 1:	ATTN CITY CLERK CITY HALL
PWS ID:	IA5307048
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	GW
Primary Source Desc:	Groundwater
PWS Activity Code:	A
PWS Activity Description:	Active
PWS Deactivation Date:	
Phone Number:	319-462-3473

--Details--

Population Served Count: 4283
City Served: ANAMOSA
County Served: Jones
State Served: IA
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.10	552.87	825.29	SDWIS

PWS ID: IA5300947
PWS Type: Community water system
No of Facilities: 18
No of Violations: 4
No of Site Visits: 9
Cities Served: ANAMOSA
Counties Served: Jones
Population Served Count: 1,230
Primacy Agency: Iowa
EPA Region: Region 7

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.33	1,718.14	835.31	SDWIS

PWS ID: IA5307048
PWS Type: Community water system
No of Facilities: 17
No of Violations: 18
No of Site Visits: 10
Cities Served: ANAMOSA
Counties Served: Jones
Population Served Count: 4,283
Primacy Agency: Iowa
EPA Region: Region 7

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	WSW	0.14	736.42	814.43	FED USGS

Site No: USGS-420644091173001
Site Type: Well
Formation Type: Prairie Du Chien Formation
Date Drilled: 1896
Well Depth: 2007

Well Depth Unit:	ft
Well Hole Depth:	2007
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03DAC 1896IA State Penitentiary
Latitude:	42.11222566000000
Longitude:	-91.2918262900000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSE	0.37	1,941.73	837.22	FED USGS

Site No:	USGS-420631091172001
Site Type:	Well
Formation Type:	Kankakee Formation
Date Drilled:	19550829
Well Depth:	405
Well Depth Unit:	ft
Well Hole Depth:	405
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03DDD 07306 1955Anamosa 2
Latitude:	42.10750380000000
Longitude:	-91.2851595000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	E	0.56	2,975.45	834.63	FED USGS

Site No:	USGS-420650091163601
Site Type:	Well
Formation Type:	Jordan Sandstone
Date Drilled:	19901001
Well Depth:	1475
Well Depth Unit:	ft
Well Hole Depth:	1475
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W02DBBB 31624 1990Anamosa 5
Latitude:	42.11388889000000
Longitude:	-91.2766667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	NE	0.56	2,975.17	957.89	FED USGS

Site No:	USGS-420718091165401
Site Type:	Well

Formation Type: Trempealeau Group
Date Drilled: 19691101
Well Depth: 1640
Well Depth Unit: ft
Well Hole Depth: 1640
Well Hole Depth Unit: ft
Reporting Agency: USGS Iowa Water Science Center
Station Name: 084N04W02BABC 21773 1969Anamosa 4
Latitude: 42.12028120000000
Longitude: -91.2809920000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	WSW	0.58	3,070.08	775.13	FED USGS

Site No: USGS-05421720
Site Type: Stream
Formation Type:
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Iowa Water Science Center
Station Name: Buffalo Creek at Anamosa, IA
Latitude: 42.10833670000000
Longitude: -91.2987713000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	WSW	0.58	3,070.08	775.13	FED USGS

Site No: USGS-420630091175501
Site Type: Well
Formation Type: Holocene Alluvium
Date Drilled:
Well Depth: 35
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Iowa Water Science Center
Station Name: 084N04W03CDD Men's Reformatory
Latitude: 42.10833670000000
Longitude: -91.2987713000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
156	WSW	0.73	3,856.90	825.24	FED USGS

Site No:	USGS-420639091181101
Site Type:	Well
Formation Type:	Pleistocene Series
Date Drilled:	
Well Depth:	85
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03CCA 18241 1965State Men's Reformatory
Latitude:	42.11083649000000
Longitude:	-91.3032159000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
161	SSW	0.75	3,953.21	782.92	FED USGS

Site No:	USGS-420606091173001
Site Type:	Well
Formation Type:	Silurian System
Date Drilled:	1898
Well Depth:	350
Well Depth Unit:	ft
Well Hole Depth:	350
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACAD 1898Anamosa 1
Latitude:	42.10194826000000
Longitude:	-91.2918267000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
216	SSW	0.91	4,789.28	778.08	FED USGS

Site No:	USGS-420603091174701
Site Type:	Well
Formation Type:	Cambrian, Upper
Date Drilled:	1898
Well Depth:	1754
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACC 1898Anamosa 1, 1898-1950?
Latitude:	42.10083705000000
Longitude:	-91.2965493000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
216	SSW	0.91	4,789.28	778.08	FED USGS

Site No:	USGS-420603091174711
Site Type:	Well
Formation Type:	Silurian System
Date Drilled:	1898
Well Depth:	350
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACC 1898Anamosa 1, 1950?-
Latitude:	42.10083705000000
Longitude:	-91.2965493000000

Public Water Supply Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SSW	0.09	487.68	828.90	PWSW

Prog ID:	IA5300947	Zip:	52205
Loc ID:	20000247994	County:	Jones
PWS Type:	Community	Latitude:	42.11145
Status:	Active	Longitude:	-91.28952

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SSW	0.19	1,007.79	823.41	PWSW

Prog ID:	IA5300947	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.11
Status:		Longitude:	-91.29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.29	1,551.10	833.29	PWSW

Prog ID:	IA5307048	Zip:	52205
Loc ID:	20000128733	County:	Jones
PWS Type:	Community	Latitude:	42.10852
Status:	Active	Longitude:	-91.28562

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	ESE	0.43	2,259.13	877.13	PWSW

Prog ID:	IA5307048	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.11
Status:		Longitude:	-91.28

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
110	NE	0.58	3,069.06	910.77	PWSW

Prog ID:	IA5307048	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.12
Status:		Longitude:	-91.28

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
181	ESE	0.79	4,145.36	857.49	PWSW

Prog ID:	IA5790501	Zip:	52205
Loc ID:	20000313787	County:	Linn
PWS Type:	Non-Transient Non-Community	Latitude:	42.10934
Status:	Inactive	Longitude:	-91.27294

Water Well Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SW	0.01	66.52	866.89	WATER WELLS

Well ID:	15178	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351140
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	55	Latitude:	42.1126336379116
Elevation (Ft.):		Longitude:	-91.2891999922871
Layer:		Xcoord:	641436.41
Completed date:	unkn	Ycoord:	4663698.16
Location:	T84N, R4W, Sec. 3, SE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Benson, Pam		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.01	68.13	864.69	WATER WELLS

Well ID:	15067	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351136

Wells and Additional Sources Detail Report

Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	55	Latitude:	42.1126461042141
Elevation (Ft.):		Longitude:	-91.2892689643275
Layer:		Xcoord:	641430.68
Completed date:	unkn	Ycoord:	4663699.43
Location:	T84N, R4W, Sec. 3, SE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Benson, Pam		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SW	0.10	528.08	821.50	WATER WELLS

Well ID:	30861	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351070
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	2007	Latitude:	42.1117230414303
Elevation (Ft.):		Longitude:	-91.2904389813151
Layer:		Xcoord:	641336.0
Completed date:	NULL	Ycoord:	4663595.0
Location:	T84N, R4W, 3, SE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 78 Well Type: Public Supply		
Owner Name:	State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/30861/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	797	Object ID:	345460
Well Type:	Water Use Permit Wells	Map ID:	345460
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137781321172
Elevation (Ft.):		Longitude:	-91.2923674406651
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84N, R4, S3, SE, NW	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2036 Well #3 (2008)		
Owner Name:	ANAMOSA STATE PENITENTIARY ( )		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	66896	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350815
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137781321172
Elevation (Ft.):		Longitude:	-91.2923674406651
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84N, R4W, 3, SE NW NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 72 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/66896/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	2587438	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350814
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.113780999811
Elevation (Ft.):		Longitude:	-91.2923659992635
Layer:		Xcoord:	641172.112739
Completed date:		Ycoord:	4663820.32082
Location:	T84N, R4W, S3 SE NW NE	Est Loc Accuracy:	Map +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Active		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	797	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	350812
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137800002435
Elevation (Ft.):		Longitude:	-91.2923699995562
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84NR04WS03	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2036 Well #3 (2008)		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	S	0.19	978.02	832.63	WATER WELLS

Well ID:	59103	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351425
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098143162635
Elevation (Ft.):		Longitude:	-91.2880128677904
Layer:		Xcoord:	641540.83
Completed date:	unkn	Ycoord:	4663387.08
Location:	T84N, R4W, Sec. 3, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Dispatchers Bathroom		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	S	0.19	977.53	833.07	WATER WELLS

Well ID:	59102	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351436
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098185149008
Elevation (Ft.):		Longitude:	-91.2878959171701
Layer:		Xcoord:	641550.49
Completed date:	unkn	Ycoord:	4663387.74
Location:	T84N, R4W, Sec. 3, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Community Room Sink		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SSW	0.20	1,077.65	824.91	WATER WELLS

Well ID:	46263	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351158
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	29	Latitude:	42.1099181676844
Elevation (Ft.):		Longitude:	-91.290344651422
Layer:		Xcoord:	641347.81
Completed date:	n.a.	Ycoord:	4663394.75
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		

Owner Name: Lampbell, George
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SSW	0.21	1,085.29	823.79	WATER WELLS

Well ID:	46266	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351151
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	11	Latitude:	42.1099330227322
Elevation (Ft.):		Longitude:	-91.2904349647313
Layer:		Xcoord:	641340.31
Completed date:	n.a.	Ycoord:	4663396.25
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SSW	0.21	1,088.08	825.75	WATER WELLS

Well ID:	46262	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351168
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098682880836
Elevation (Ft.):		Longitude:	-91.2903032968007
Layer:		Xcoord:	641351.34
Completed date:	n.a.	Ycoord:	4663389.28
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: not reported		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SSW	0.21	1,094.54	822.49	WATER WELLS

Well ID:	46267	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351145
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	28	Latitude:	42.10993533887
Elevation (Ft.):		Longitude:	-91.2905057792631
Layer:		Xcoord:	641334.45
Completed date:	n.a.	Ycoord:	4663396.39

Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SSW	0.21	1,097.63	825.75	WATER WELLS

Well ID:	46268	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351167
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	27	Latitude:	42.109846052169
Elevation (Ft.):		Longitude:	-91.2903220369991
Layer:		Xcoord:	641349.84
Completed date:	n.a.	Ycoord:	4663386.78
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSW	0.21	1,100.74	825.75	WATER WELLS

Well ID:	46270	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351161
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	13	Latitude:	42.1098495040744
Elevation (Ft.):		Longitude:	-91.2903542378576
Layer:		Xcoord:	641347.17
Completed date:	n.a.	Ycoord:	4663387.11
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.21	1,108.69	826.32	WATER WELLS

Well ID:	46265	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351152
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1098666566378

Elevation (Ft.):		Longitude:	-91.2904536815211
Layer:		Xcoord:	641338.91
Completed date:	n.a.	Ycoord:	4663388.85
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSW	0.21	1,120.41	822.91	WATER WELLS

Well ID:	46269	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351149
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	10	Latitude:	42.1098502545853
Elevation (Ft.):		Longitude:	-91.2905012928636
Layer:		Xcoord:	641335.01
Completed date:	n.a.	Ycoord:	4663386.95
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSW	0.21	1,119.33	826.26	WATER WELLS

Well ID:	46260	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351169
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	17	Latitude:	42.1097836561265
Elevation (Ft.):		Longitude:	-91.290335204422
Layer:		Xcoord:	641348.89
Completed date:	n.a.	Ycoord:	4663379.83
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Campbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.21	1,124.55	822.91	WATER WELLS

Well ID:	44972	Object ID:	0

Well Type:	Wells registered for testing	Map ID:	351147
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098454942543
Elevation (Ft.):		Longitude:	-91.2905202890026
Layer:		Xcoord:	641333.45
Completed date:	unkn	Ycoord:	4663386.39
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Community Room		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSW	0.21	1,121.97	825.85	WATER WELLS

Well ID:	46261	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351163
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	22	Latitude:	42.1097943497781
Elevation (Ft.):		Longitude:	-91.2903819664839
Layer:		Xcoord:	641345.0
Completed date:	n.a.	Ycoord:	4663380.94
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SSW	0.21	1,129.15	825.85	WATER WELLS

Well ID:	46259	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351157
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	18	Latitude:	42.1097930413495
Elevation (Ft.):		Longitude:	-91.2904331634495
Layer:		Xcoord:	641340.77
Completed date:	n.a.	Ycoord:	4663380.71
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SSW	0.22	1,137.71	822.17	WATER WELLS

Well ID:	46264	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351153
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	23	Latitude:	42.1097892626509
Elevation (Ft.):		Longitude:	-91.2904878134031
Layer:		Xcoord:	641336.26
Completed date:	n.a.	Ycoord:	4663380.2
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	ENE	0.27	1,408.48	877.54	WATER WELLS

Well ID:	4762	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351615
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1154755716866
Elevation (Ft.):		Longitude:	-91.2829655523854
Layer:		Xcoord:	641945.5
Completed date:	n.a.	Ycoord:	4664024.06
Location:	T84N, R4W, Sec. 2, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/19/1991; Well type: < 18" dia.		
Owner Name:	Oltmann, Fay		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ENE	0.27	1,433.49	873.75	WATER WELLS

Well ID:	6925	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351622
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.115459113677
Elevation (Ft.):		Longitude:	-91.2828527776349
Layer:		Xcoord:	641954.86
Completed date:	n.a.	Ycoord:	4664022.42
Location:	T84N, R4W, Sec. 2, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/19/1991; Well type: < 18" dia.		
Owner Name:	Oltmann, Fay W		
Well Doc Link:	no hyperlink		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SW	0.28	1,474.36	806.04	WATER WELLS

Well ID:	16973	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350971
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	81	Latitude:	42.1098848129773
Elevation (Ft.):		Longitude:	-91.2929066654198
Layer:		Xcoord:	641136.06
Completed date:	n.a.	Ycoord:	4663386.81
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 5/4/1994; Well type: < 18" dia.		
Owner Name:	Roe, Lee		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	S	0.28	1,498.32	821.38	WATER WELLS

Well ID:	2121449	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351480
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1083800002934
Elevation (Ft.):		Longitude:	-91.2882500000027
Layer:		Xcoord:	641524.415602
Completed date:		Ycoord:	4663227.42627
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	KNUTH, ADRIAN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2121449&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SW	0.28	1,492.61	807.45	WATER WELLS

Well ID:	20379	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350973
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098107604092
Elevation (Ft.):		Longitude:	-91.2928990978775
Layer:		Xcoord:	641136.85
Completed date:	unkn	Ycoord:	4663378.6
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.

Well ID Source field: recordno
Other Information: Drilling method: Drilled;
Owner Name: Jones County Jail
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	N	0.30	1,560.15	871.72	WATER WELLS

Well ID: 2099417
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 185
Elevation (Ft.):
Layer:
Completed date: 4/13/2004
Location: T84N, R4W, S3
Well ID Source field: wellnmbr
Other Information: Status: Active
Owner Name: WERDERMAN, MARK
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2099417&reportName=WellPrintout
Object ID: 0
Map ID: 350929
County: Jones
Latitude: 42.1180799999962
Longitude: -91.2891199993942
Xcoord: 641430.909651
Ycoord: 4664303.0356
Est Loc Accuracy: nom. +/- 25m.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.34	1,778.71	871.32	WATER WELLS

Well ID: 2115277
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 100
Elevation (Ft.):
Layer:
Completed date: 1/1/1950
Location: T84N, R4W, S2
Well ID Source field: wellnmbr
Other Information: Status: Plugged
Owner Name: CASPERS, RANDY
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2115277&reportName=WellPrintout
Object ID: 0
Map ID: 351709
County: Jones
Latitude: 42.115772060818
Longitude: -91.2816456597544
Xcoord: 642053.95518
Ycoord: 4664059.17548
Est Loc Accuracy: nom. +/- 25m.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	W	0.34	1,775.46	792.65	WATER WELLS

Well ID: 2115336
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 225
Object ID: 0
Map ID: 350535
County: Jones
Latitude: 42.1121723794011

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Elevation (Ft.):		Longitude:	-91.2957447064822
Layer:		Xcoord:	640896.346528
Completed date:	1/1/1973	Ycoord:	4663636.12688
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	OLDHAM, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2115336&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	2587439	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350433
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175400002612
Elevation (Ft.):		Longitude:	-91.2936349993832
Layer:		Xcoord:	641058.86115
Completed date:		Ycoord:	4664235.60897
Location:	T84N, R4W, S3 NE SW NE	Est Loc Accuracy:	Map +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Standby		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	66897	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350432
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175434952662
Elevation (Ft.):		Longitude:	-91.2936332266058
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84N, R4W, 3, NE SW NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 123 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/66897/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	702	Object ID:	345102
Well Type:	Water Use Permit Wells	Map ID:	345102
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175434952662
Elevation (Ft.):		Longitude:	-91.2936332266058
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84N, R04, S03, NE,	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2036 Well #4		
Owner Name:	ANAMOSA STATE PENITENTIARY ( )		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	702	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	350434
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175399997445
Elevation (Ft.):		Longitude:	-91.2936299999285
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84NR04WS03	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2036 Well #4		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SW	0.36	1,916.52	792.74	WATER WELLS

Well ID:	6970	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350903
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1090378790759
Elevation (Ft.):		Longitude:	-91.2940750196687
Layer:		Xcoord:	641041.34
Completed date:	n.a.	Ycoord:	4663290.84
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #19		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SW	0.37	1,929.87	792.63	WATER WELLS

Well ID:	6957	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350915
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	17	Latitude:	42.108977152175
Elevation (Ft.):		Longitude:	-91.2940611669696
Layer:		Xcoord:	641042.62
Completed date:	n.a.	Ycoord:	4663284.12
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #5		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	SW	0.37	1,930.54	792.74	WATER WELLS

Well ID:	6964	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350906
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089890728299
Elevation (Ft.):		Longitude:	-91.2940815294273
Layer:		Xcoord:	641040.91
Completed date:	n.a.	Ycoord:	4663285.41
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #13		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SW	0.37	1,936.10	793.16	WATER WELLS

Well ID:	6962	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350879
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.10903729142
Elevation (Ft.):		Longitude:	-91.2941869127549
Layer:		Xcoord:	641032.09
Completed date:	n.a.	Ycoord:	4663290.59
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #11		

Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SW	0.37	1,936.10	793.16	WATER WELLS

Well ID:	6968	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350881
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	16	Latitude:	42.1090442613701
Elevation (Ft.):		Longitude:	-91.2941771709041
Layer:		Xcoord:	641032.88
Completed date:	n.a.	Ycoord:	4663291.38
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #17		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SW	0.37	1,939.69	792.90	WATER WELLS

Well ID:	6958	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350907
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	23	Latitude:	42.1089628627157
Elevation (Ft.):		Longitude:	-91.29409348057
Layer:		Xcoord:	641039.98
Completed date:	n.a.	Ycoord:	4663282.48
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #7		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	SW	0.37	1,942.42	792.90	WATER WELLS

Well ID:	6967	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350898
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	22	Latitude:	42.1089797307388
Elevation (Ft.):		Longitude:	-91.2941316107003
Layer:		Xcoord:	641036.79
Completed date:	n.a.	Ycoord:	4663284.29
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.

Well ID Source field:	recordno
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.
Owner Name:	Caseys, Bh #16
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	SW	0.37	1,941.44	793.16	WATER WELLS

Well ID:	6956	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350876
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1090440948728
Elevation (Ft.):		Longitude:	-91.294214427499
Layer:		Xcoord:	641029.8
Completed date:	n.a.	Ycoord:	4663291.3
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #3		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SW	0.37	1,948.74	792.63	WATER WELLS

Well ID:	6959	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350921
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	25	Latitude:	42.1088975380092
Elevation (Ft.):		Longitude:	-91.294049030338
Layer:		Xcoord:	641043.8
Completed date:	n.a.	Ycoord:	4663275.3
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #8		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.90	WATER WELLS

Well ID:	6965	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350917
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089039003584
Elevation (Ft.):		Longitude:	-91.2940771615785

Layer:		Xcoord:	641041.46
Completed date:	n.a.	Ycoord:	4663275.96
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #14		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.63	WATER WELLS

Well ID:	6969	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350918
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.108909546893
Elevation (Ft.):		Longitude:	-91.2940692694539
Layer:		Xcoord:	641042.1
Completed date:	n.a.	Ycoord:	4663276.6
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #18		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.63	WATER WELLS

Well ID:	6966	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350919
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	24	Latitude:	42.1089055733411
Elevation (Ft.):		Longitude:	-91.2940624819763
Layer:		Xcoord:	641042.67
Completed date:	n.a.	Ycoord:	4663276.17
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #15		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	SW	0.37	1,953.43	794.10	WATER WELLS

Well ID:	6960	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350889

Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	30	Latitude:	42.1089676502612
Elevation (Ft.):		Longitude:	-91.2941731780661
Layer:		Xcoord:	641033.38
Completed date:	n.a.	Ycoord:	4663282.88
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #9		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.37	1,956.88	792.90	WATER WELLS

Well ID:	6961	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350909
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089125599343
Elevation (Ft.):		Longitude:	-91.2941144232795
Layer:		Xcoord:	641038.36
Completed date:	n.a.	Ycoord:	4663276.86
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #10		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SW	0.37	1,979.36	794.10	WATER WELLS

Well ID:	6963	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350887
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	18	Latitude:	42.1089005842869
Elevation (Ft.):		Longitude:	-91.2942175504265
Layer:		Xcoord:	641029.86
Completed date:	n.a.	Ycoord:	4663275.36
Location:	T84N, R4W, Sec. 3, SE, SW, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #12		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNW	0.39	2,038.45	923.12	WATER WELLS

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Well ID:	79271	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350722
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1192723711425
Elevation (Ft.):		Longitude:	-91.290377672199
Layer:		Xcoord:	641324.29
Completed date:	1990	Ycoord:	4664433.35
Location:	T84N, R4W, Sec. 3, NE, NE, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	2413050	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351801
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.1073300002227
Elevation (Ft.):		Longitude:	-91.2848499998036
Layer:		Xcoord:	641807.870984
Completed date:	1/1/1955	Ycoord:	4663116.47717
Location:	T84N, R4W, S2 SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	7306	Object ID:	346404;346405
Well Type:	IGS Well Database	Map ID:	346404;346405
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.107325680934
Elevation (Ft.):		Longitude:	-91.2848485560741
Layer:		Xcoord:	641808.0
Completed date:	8/29/1955	Ycoord:	4663116.0
Location:	T84N, R4W, 2, SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 60 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/7306/general-information		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	7306	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351803
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.107325680934
Elevation (Ft.):		Longitude:	-91.2848485560741
Layer:		Xcoord:	641808.0
Completed date:	8/29/1955	Ycoord:	4663116.0
Location:	T84N, R4W, 2, SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 60 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/7306/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	WNW	0.39	2,073.95	833.92	WATER WELLS

Well ID:	27676	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350252
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1146499384817
Elevation (Ft.):		Longitude:	-91.2966696509606
Layer:		Xcoord:	640814.39
Completed date:	unkn	Ycoord:	4663909.7
Location:	T84N, R4W, Sec. 3, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 1135m.
Well ID Source field:	recordno		
Other Information:	Primary use: household		
Owner Name:	Boone		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SE	0.39	2,049.65	826.98	WATER WELLS

Well ID:	16858	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351936
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079947322949
Elevation (Ft.):		Longitude:	-91.283107876109
Layer:		Xcoord:	641950.43
Completed date:	n.a.	Ycoord:	4663193.18
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		

Owner Name: Brady, Norma
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SE	0.39	2,059.62	826.98	WATER WELLS

Well ID:	16856	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351937
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079648093506
Elevation (Ft.):		Longitude:	-91.2831003384746
Layer:		Xcoord:	641951.12
Completed date:	n.a.	Ycoord:	4663189.87
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 6/9/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SE	0.39	2,066.47	826.90	WATER WELLS

Well ID:	16857	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351939
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	35	Latitude:	42.1079518282074
Elevation (Ft.):		Longitude:	-91.2830814583904
Layer:		Xcoord:	641952.71
Completed date:	n.a.	Ycoord:	4663188.46
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/14/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SE	0.39	2,074.01	826.90	WATER WELLS

Well ID:	16854	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351941
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079287023315
Elevation (Ft.):		Longitude:	-91.2830767609638
Layer:		Xcoord:	641953.15
Completed date:	n.a.	Ycoord:	4663185.9

Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SE	0.39	2,081.85	826.90	WATER WELLS

Well ID:	16853	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351944
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079011657028
Elevation (Ft.):		Longitude:	-91.2830782299065
Layer:		Xcoord:	641953.09
Completed date:	n.a.	Ycoord:	4663182.84
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/30/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.40	2,088.05	826.47	WATER WELLS

Well ID:	16855	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351954
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079074991285
Elevation (Ft.):		Longitude:	-91.2830200047611
Layer:		Xcoord:	641957.89
Completed date:	n.a.	Ycoord:	4663183.64
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.40	2,088.05	826.47	WATER WELLS

Well ID:	16850	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351951
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079175601542

Elevation (Ft.):		Longitude:	-91.283018281831
Layer:		Xcoord:	641958.01
Completed date:	n.a.	Ycoord:	4663184.76
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/30/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SE	0.40	2,101.47	826.76	WATER WELLS

Well ID:	16859	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351952
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1078470537872
Elevation (Ft.):		Longitude:	-91.2830551384219
Layer:		Xcoord:	641955.12
Completed date:	n.a.	Ycoord:	4663176.87
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	E	0.42	2,241.75	894.34	WATER WELLS

Well ID:	74513	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352059
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1126371206532
Elevation (Ft.):		Longitude:	-91.2793526900628
Layer:		Xcoord:	642250.53
Completed date:	unkn	Ycoord:	4663714.9
Location:	T84N, R4W, Sec. 2, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	E	0.43	2,247.31	890.62	WATER WELLS

Well ID:	76414	Object ID:	0

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Well Type:	Wells registered for testing	Map ID:	352069
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1125467337405
Elevation (Ft.):		Longitude:	-91.279330944463
Layer:		Xcoord:	642252.53
Completed date:	unkn	Ycoord:	4663704.9
Location:	T84N, R4W, Sec. 2, SW, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	NNE	0.41	2,170.91	871.27	WATER WELLS

Well ID:	2077673	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351148
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1195122582911
Elevation (Ft.):		Longitude:	-91.2854356139693
Layer:		Xcoord:	641732.298202
Completed date:	3/21/2002	Ycoord:	4664468.17621
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	CASPER, RANDY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077673&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	E	0.44	2,299.69	893.33	WATER WELLS

Well ID:	71754	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352089
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1125960822599
Elevation (Ft.):		Longitude:	-91.2791385002117
Layer:		Xcoord:	642268.33
Completed date:	unkn	Ycoord:	4663710.7
Location:	T84N, R4W, Sec. 2, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	N	0.44	2,298.94	894.27	WATER WELLS

Well ID:	2379	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350808
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1201089074564
Elevation (Ft.):		Longitude:	-91.2891549196862
Layer:		Xcoord:	641423.51
Completed date:	1990	Ycoord:	4664528.26
Location:	T84N, R4W, Sec. 3, NE, NE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	N	0.44	2,307.40	888.14	WATER WELLS

Well ID:	79463	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350792
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1201274806353
Elevation (Ft.):		Longitude:	-91.2892770830324
Layer:		Xcoord:	641413.37
Completed date:	1990	Ycoord:	4664530.12
Location:	T84N, R4W, Sec. 3, NE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	N	0.44	2,319.85	879.39	WATER WELLS

Well ID:	2129188	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350850
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1201723691352
Elevation (Ft.):		Longitude:	-91.2887454573492
Layer:		Xcoord:	641457.217159
Completed date:	8/11/1994	Ycoord:	4664535.98466
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MIKKELSEN, DAVID		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2129188&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	N	0.44	2,320.62	893.83	WATER WELLS

Well ID:	13961	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350799
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1201669959564
Elevation (Ft.):		Longitude:	-91.2891971476485
Layer:		Xcoord:	641419.89
Completed date:	6/07/1990	Ycoord:	4664534.64
Location:	T84N, R4W, Sec. 3, NE, NE, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Primary use: Domestic/household		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	W	0.44	2,304.87	805.21	WATER WELLS

Well ID:	57086	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350203
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.113641409712
Elevation (Ft.):		Longitude:	-91.2977538294047
Layer:		Xcoord:	640726.99
Completed date:	1973	Ycoord:	4663795.93
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.44	2,318.00	804.81	WATER WELLS

Well ID:	79380	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350198
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136137081451
Elevation (Ft.):		Longitude:	-91.2978048890674
Layer:		Xcoord:	640722.83
Completed date:	1973	Ycoord:	4663792.77

Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Caspers, Karen		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	W	0.44	2,319.14	805.56	WATER WELLS

Well ID:	57085	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350186
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1137246498419
Elevation (Ft.):		Longitude:	-91.2977979280467
Layer:		Xcoord:	640723.16
Completed date:	1973	Ycoord:	4663805.1
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	W	0.44	2,331.02	804.81	WATER WELLS

Well ID:	57084	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350185
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136335777872
Elevation (Ft.):		Longitude:	-91.2978511676929
Layer:		Xcoord:	640718.96
Completed date:	1973	Ycoord:	4663794.9
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	E	0.46	2,429.01	884.57	WATER WELLS

Well ID:	2222940	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352118
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	102	Latitude:	42.1131281501796

Elevation (Ft.):		Longitude:	-91.2786697350322
Layer:		Xcoord:	642305.894659
Completed date:	6/8/2022	Ycoord:	4663770.55971
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	KLEPPE, GALE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2222940&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	NNW	0.44	2,340.73	870.62	WATER WELLS

Well ID:	2113872	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350402
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1194724693945
Elevation (Ft.):		Longitude:	-91.2928451962255
Layer:		Xcoord:	641119.864164
Completed date:	1/1/1992	Ycoord:	4664451.4878
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	DELAGARDELLE, RICHARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2113872&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	W	0.44	2,341.04	805.23	WATER WELLS

Well ID:	44886	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350172
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1137770061558
Elevation (Ft.):		Longitude:	-91.2978728508716
Layer:		Xcoord:	640716.85
Completed date:	1973	Ycoord:	4663810.79
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Knapp, Kevin		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	W	0.45	2,350.16	804.54	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	44885	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350174
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136550414427
Elevation (Ft.):		Longitude:	-91.2979199017374
Layer:		Xcoord:	640713.23
Completed date:	1973	Ycoord:	4663797.17
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Knapp, Kevin		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	ENE	0.46	2,412.88	915.48	WATER WELLS

Well ID:	2167711	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351819
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	176	Latitude:	42.1167130007864
Elevation (Ft.):		Longitude:	-91.2796569943299
Layer:		Xcoord:	642216.256006
Completed date:	1/1/1940	Ycoord:	4664166.96353
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	HANLON, WILLIAM		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2167711&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	N	0.48	2,540.67	894.11	WATER WELLS

Well ID:	2035986	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350852
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1207723717468
Elevation (Ft.):		Longitude:	-91.2883455069278
Layer:		Xcoord:	641488.943986
Completed date:	6/17/1996	Ycoord:	4664603.26929
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	FLECKENSTEIN, KATIE/BRAD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2035986&reportName=WellPrintout		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SW	0.48	2,523.08	822.17	WATER WELLS

Well ID:	2143595	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350729
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1082320006
Elevation (Ft.):		Longitude:	-91.2961299938937
Layer:		Xcoord:	640873.219869
Completed date:	1/1/1950	Ycoord:	4663197.96745
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	STATE OF IOWA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143595&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	SSE	0.49	2,578.22	862.85	WATER WELLS

Well ID:	2109565	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351807
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1055719352758
Elevation (Ft.):		Longitude:	-91.2857449746536
Layer:		Xcoord:	641737.789916
Completed date:	1/1/1950	Ycoord:	4662919.78328
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	UNITED STATES POSTAL SERVICE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2109565&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	N	0.50	2,651.48	905.84	WATER WELLS

Well ID:	58687	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350871
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	185	Latitude:	42.1210702461096
Elevation (Ft.):		Longitude:	-91.2879497020577
Layer:		Xcoord:	641521.0
Completed date:	4/13/2004	Ycoord:	4664637.0
Location:	T84N, R4W, 3, NE NE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		

Other Information:	Bedrock Depth: 55 Well Type: Private
Owner Name:	Weberman, Mark
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/58687/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	N	0.50	2,651.48	905.84	WATER WELLS

Well ID:	65211	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350872
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1210674858189
Elevation (Ft.):		Longitude:	-91.2879457843324
Layer:		Xcoord:	641521.33
Completed date:	unkn	Ycoord:	4664636.7
Location:	T84N, R4W, Sec. 3, NE, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Lincoln, Robert		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	W	0.50	2,647.20	781.99	WATER WELLS

Well ID:	2930	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350121
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1126782339324
Elevation (Ft.):		Longitude:	-91.2990305304323
Layer:		Xcoord:	640623.57
Completed date:	unkn	Ycoord:	4663686.88
Location:	T84N, R4W, Sec. 3, SW, NE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Deutmeyer, Pat		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	W	0.50	2,648.60	794.34	WATER WELLS

Well ID:	78813	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350110
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1128126568194
Elevation (Ft.):		Longitude:	-91.2990401193937
Layer:		Xcoord:	640622.48

Completed date:	unkn	Ycoord:	4663701.79
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Peck, Bertha		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	SSE	0.50	2,638.50	856.45	WATER WELLS

Well ID:	23107	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352041
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	75	Latitude:	42.1061139872504
Elevation (Ft.):		Longitude:	-91.2830534174908
Layer:		Xcoord:	641959.13
Completed date:	10/08/1996	Ycoord:	4662984.44
Location:	T84N, R4W, Sec. 11, NW, NW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Hamre		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.50	2,658.50	855.21	WATER WELLS

Well ID:	2007657	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352043
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060544351089
Elevation (Ft.):		Longitude:	-91.2830458755165
Layer:		Xcoord:	641959.886515
Completed date:	10/7/1996	Ycoord:	4662977.84011
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	JENSEN, REYNOLDS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2007657&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.50	2,658.50	855.21	WATER WELLS

Well ID:	43671	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352044

Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.106055854064
Elevation (Ft.):		Longitude:	-91.2830444645183
Layer:		Xcoord:	641960.0
Completed date:	10/7/1996	Ycoord:	4662978.0
Location:	T84N, R4W, 11, NW NW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 45 Well Type: Private		
Owner Name:	Jensen, Reynolds		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/43671/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	NNE	0.51	2,712.42	932.59	WATER WELLS

Well ID:	55878	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351077
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.121051227229
Elevation (Ft.):		Longitude:	-91.2854703029661
Layer:		Xcoord:	641726.0
Completed date:	3/21/2002	Ycoord:	4664639.0
Location:	T84N, R4W, 2, NW NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 138 Well Type: Private		
Owner Name:	Caspers, Randy		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55878/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	N	0.52	2,762.75	911.58	WATER WELLS

Well ID:	2038847	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350866
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	235	Latitude:	42.1213723718504
Elevation (Ft.):		Longitude:	-91.2878455619367
Layer:		Xcoord:	641528.936101
Completed date:	9/19/2001	Ycoord:	4664670.71947
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	KOOB, WESLEY & DAWN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2038847&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	WSW	0.51	2,717.32	781.64	WATER WELLS

Well ID:	49723	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350258
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	84	Latitude:	42.1105319772047
Elevation (Ft.):		Longitude:	-91.2987682554281
Layer:		Xcoord:	640650.0
Completed date:	1/1/1966	Ycoord:	4663449.0
Location:	T84N, R4W, 3, SW SE NE	Est Loc Accuracy:	Meas. +/- 230 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/49723/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	WSW	0.51	2,717.32	781.64	WATER WELLS

Well ID:	2407728	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350259
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	84	Latitude:	42.1105339998995
Elevation (Ft.):		Longitude:	-91.2987639994766
Layer:		Xcoord:	640650.347357
Completed date:	1/1/1966	Ycoord:	4663449.23161
Location:	T84N, R4W, S3 SW SE NE	Est Loc Accuracy:	Meas. +/- 230'
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Plugged		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	SSE	0.52	2,726.80	872.84	WATER WELLS

Well ID:	74484	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351923
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1053593494739
Elevation (Ft.):		Longitude:	-91.2846475955606
Layer:		Xcoord:	641829.0
Completed date:	4/26/2012	Ycoord:	4662898.0
Location:	T84N, R4W, 11, NW NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 36 Well Type: Heat Pump		
Owner Name:	Patnode, Cj		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/74484/general-information		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	W	0.52	2,765.29	779.72	WATER WELLS

Well ID:	49722	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350132
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	37	Latitude:	42.1117022652184
Elevation (Ft.):		Longitude:	-91.2993417200139
Layer:		Xcoord:	640600.0
Completed date:	1/1/1932	Ycoord:	4663578.0
Location:	T84N, R4W, 3, SW NE SW	Est Loc Accuracy:	Meas. +/- 230 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/49722/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	W	0.52	2,765.29	779.72	WATER WELLS

Well ID:	2409493	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350135
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	37	Latitude:	42.1117050002188
Elevation (Ft.):		Longitude:	-91.2993359995589
Layer:		Xcoord:	640600.466864
Completed date:	1/1/1930	Ycoord:	4663578.31307
Location:	T84N, R4W, S3 SW NE SW	Est Loc Accuracy:	Meas. +/- 230'
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Plugged		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	NE	0.53	2,788.00	934.22	WATER WELLS

Well ID:	95918	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351727
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1651	Latitude:	42.1187144504898
Elevation (Ft.):		Longitude:	-91.2797752944877
Layer:		Xcoord:	642202.0
Completed date:	12/16/2021	Ycoord:	4664389.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		

Other Information:	Bedrock Depth: 159 Well Type: Public Supply
Owner Name:	Anamosa, City of
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/95918/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	NE	0.53	2,788.00	934.22	WATER WELLS

Well ID:	2592286	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351728
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1651	Latitude:	42.118710999797
Elevation (Ft.):		Longitude:	-91.2797709991683
Layer:		Xcoord:	642202.362731
Completed date:		Ycoord:	4664388.62402
Location:	T84N, R4W, S2 NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Active		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	ESE	0.54	2,855.23	815.82	WATER WELLS

Well ID:	2207813	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352339
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	69	Latitude:	42.1104359712312
Elevation (Ft.):		Longitude:	-91.2774653639509
Layer:		Xcoord:	642411.493866
Completed date:	1/1/1950	Ycoord:	4663473.63778
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	REDMOND, EDWARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2207813&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	21773	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351582
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936664

Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/21773/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	5704	Object ID:	346181
Well Type:	Water Use Permit Wells	Map ID:	346181
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936663
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4, S2, NW, NE	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2577 Well #4 (1969)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	21773	Object ID:	346182;346183
Well Type:	IGS Well Database	Map ID:	346182;346183
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936663
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/21773/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	2408947	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351585

Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.11992999962
Elevation (Ft.):		Longitude:	-91.28095999941
Layer:		Xcoord:	642101.34685
Completed date:	1/1/1969	Ycoord:	4664521.99814
Location:	T84N, R4W, S2 NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Standby		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	5704	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	351584
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.11992999962
Elevation (Ft.):		Longitude:	-91.28095999941
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84NR04WS02	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2577 Well #4 (1969)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	2407545	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	352313
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075299997388
Elevation (Ft.):		Longitude:	-91.2792699997866
Layer:		Xcoord:	642268.789882
Completed date:		Ycoord:	4663147.96283
Location:	T84N, R4W, S2 SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	35484	Object ID:	346884;346885
Well Type:	IGS Well Database	Map ID:	346884;346885
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075302965295
Elevation (Ft.):		Longitude:	-91.2792674506931
Layer:		Xcoord:	642269.0
Completed date:	1/1/1900	Ycoord:	4663148.0
Location:	T84N, R4W, 2, SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35484/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	35484	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352315
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075302965294
Elevation (Ft.):		Longitude:	-91.2792674506931
Layer:		Xcoord:	642269.0
Completed date:	12/31/1899	Ycoord:	4663148.0
Location:	T84N, R4W, 2, SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35484/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	N	0.56	2,962.42	944.44	WATER WELLS

Well ID:	2093313	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350773
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1219324027546
Elevation (Ft.):		Longitude:	-91.2884555524574
Layer:		Xcoord:	641477.265673
Completed date:	8/27/2003	Ycoord:	4664731.89246
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	BIBLE, SHAWN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2093313&reportName=WellPrintout		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	N	0.56	2,975.79	944.98	WATER WELLS

Well ID:	2113391	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350744
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1219724100343
Elevation (Ft.):		Longitude:	-91.2886955408451
Layer:		Xcoord:	641457.338475
Completed date:	11/15/2005	Ycoord:	4664735.93722
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	EILERS, LONNIE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2113391&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	NNE	0.56	2,933.14	964.02	WATER WELLS

Well ID:	2135364	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351318
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1210690010272
Elevation (Ft.):		Longitude:	-91.2830349944434
Layer:		Xcoord:	641927.273316
Completed date:	1/1/1950	Ycoord:	4664645.018
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	CLARK, HOMER		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2135364&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	SW	0.56	2,952.89	782.34	WATER WELLS

Well ID:	78897	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350539
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1080083264492
Elevation (Ft.):		Longitude:	-91.2979327656847
Layer:		Xcoord:	640724.66
Completed date:	unkn	Ycoord:	4663170.16
Location:	T84N, R4W, Sec. 3, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.

Well ID Source field:	recordno
Other Information:	Drilling method: Drilled; Well depth is uncertain
Owner Name:	Thompson, Charles
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	W	0.56	2,976.88	786.71	WATER WELLS

Well ID:	46912	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349943
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1136672842021
Elevation (Ft.):		Longitude:	-91.3002337291859
Layer:		Xcoord:	640521.91
Completed date:	unkn	Ycoord:	4663794.72
Location:	T84N, R4W, Sec. 3, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Insurance Associates		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
99	W	0.56	2,978.88	786.71	WATER WELLS

Well ID:	79266	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349945
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1136243919066
Elevation (Ft.):		Longitude:	-91.3002443102483
Layer:		Xcoord:	640521.13
Completed date:	unkn	Ycoord:	4663789.94
Location:	T84N, R4W, Sec. 3, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Insurance Associates		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	31624	Object ID:	346842;346843
Well Type:	IGS Well Database	Map ID:	346842;346843
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331

Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 81 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/31624/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	3890	Object ID:	346841
Well Type:	Water Use Permit Wells	Map ID:	346841
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4, S2, SE, NW	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2577 Well #5 (1990)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	31624	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352278
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 81 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/31624/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	2409638	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	352276

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Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141899998777
Elevation (Ft.):		Longitude:	-91.2762700000526
Layer:		Xcoord:	642501.912404
Completed date:	1/1/1990	Ycoord:	4663892.46451
Location:	T84N, R4W, S2 SE NW NW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Active		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	3890	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	352277
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141899998777
Elevation (Ft.):		Longitude:	-91.2762700000526
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84NR04WS02	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2577 Well #5 (1990)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	SE	0.57	2,997.02	833.33	WATER WELLS

Well ID:	46936	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352265
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.10613475613
Elevation (Ft.):		Longitude:	-91.2806337578866
Layer:		Xcoord:	642159.15
Completed date:	unkn	Ycoord:	4662990.77
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	W	0.57	3,029.46	782.51	WATER WELLS

Well ID:	78943	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350020
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	95	Latitude:	42.1118425782808
Elevation (Ft.):		Longitude:	-91.3003503516828
Layer:		Xcoord:	640516.3
Completed date:	unkn	Ycoord:	4663591.92
Location:	T84N, R4W, Sec. 3, SW, NE, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Estimated well depth		
Owner Name:	Fitkin, David/Darlene		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	SE	0.57	3,029.84	832.99	WATER WELLS

Well ID:	23132	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352270
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060602380584
Elevation (Ft.):		Longitude:	-91.2805651414619
Layer:		Xcoord:	642164.99
Completed date:	12/05/1996	Ycoord:	4662982.61
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Jensen		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	SE	0.58	3,036.13	830.13	WATER WELLS

Well ID:	62805	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352280
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060616351263
Elevation (Ft.):		Longitude:	-91.280526160147
Layer:		Xcoord:	642168.21
Completed date:	1996	Ycoord:	4662982.83
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
106	ESE	0.58	3,053.74	810.75	WATER WELLS

Well ID:	22567	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352378
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	71	Latitude:	42.1079523977582
Elevation (Ft.):		Longitude:	-91.2781681201943
Layer:		Xcoord:	642358.95
Completed date:	n.a.	Ycoord:	4663196.7
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 9/19/1995; Well type: < 18" dia.		
Owner Name:	Iowa Department, Of Transportation		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
107	SE	0.58	3,037.65	832.99	WATER WELLS

Well ID:	62806	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352271
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060264383931
Elevation (Ft.):		Longitude:	-91.2805753676371
Layer:		Xcoord:	642164.22
Completed date:	1996	Ycoord:	4662978.84
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
109	ESE	0.58	3,072.65	810.74	WATER WELLS

Well ID:	36255	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352385
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078990737755
Elevation (Ft.):		Longitude:	-91.2781315865225
Layer:		Xcoord:	642362.09
Completed date:	n.a.	Ycoord:	4663190.84
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		

Owner Name: Iowa Dept Of Transportati
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	ESE	0.58	3,078.06	810.27	WATER WELLS

Well ID:	36256	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352393
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1079769729109
Elevation (Ft.):		Longitude:	-91.2780473552515
Layer:		Xcoord:	642368.88
Completed date:	n.a.	Ycoord:	4663199.63
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	ESE	0.58	3,078.06	810.27	WATER WELLS

Well ID:	36257	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352396
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1079797023524
Elevation (Ft.):		Longitude:	-91.278031195499
Layer:		Xcoord:	642370.21
Completed date:	n.a.	Ycoord:	4663199.96
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
112	ESE	0.58	3,077.06	810.74	WATER WELLS

Well ID:	36260	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352387
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078890077941
Elevation (Ft.):		Longitude:	-91.2781209738497
Layer:		Xcoord:	642362.99
Completed date:	n.a.	Ycoord:	4663189.74

Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
113	SE	0.58	3,080.93	810.38	WATER WELLS

Well ID:	36254	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352389
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078502686481
Elevation (Ft.):		Longitude:	-91.2781381083412
Layer:		Xcoord:	642361.66
Completed date:	n.a.	Ycoord:	4663185.41
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
114	ESE	0.59	3,089.85	810.74	WATER WELLS

Well ID:	36259	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352397
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078785738326
Elevation (Ft.):		Longitude:	-91.2780738454037
Layer:		Xcoord:	642366.91
Completed date:	n.a.	Ycoord:	4663188.66
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
115	ESE	0.59	3,110.54	810.20	WATER WELLS

Well ID:	36258	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352404
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078402454356

Elevation (Ft.):		Longitude:	-91.2780163450716
Layer:		Xcoord:	642371.75
Completed date:	n.a.	Ycoord:	4663184.5
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	ESE	0.59	3,114.01	810.20	WATER WELLS

Well ID:	36261	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352406
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078457975762
Elevation (Ft.):		Longitude:	-91.2779962386627
Layer:		Xcoord:	642373.4
Completed date:	n.a.	Ycoord:	4663185.15
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
117	N	0.60	3,152.30	950.48	WATER WELLS

Well ID:	2186017	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350644
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1224401628897
Elevation (Ft.):		Longitude:	-91.289507606638
Layer:		Xcoord:	641389.170423
Completed date:	7/18/1995	Ycoord:	4664786.5299
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	KNAPP, PERRY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2186017&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
118	NNW	0.60	3,166.63	933.32	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	2127511	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350478
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	240	Latitude:	42.1223724779641
Elevation (Ft.):		Longitude:	-91.2907454437649
Layer:		Xcoord:	641286.998159
Completed date:	10/3/2001	Ycoord:	4664776.96574
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MCCALLEY, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2127511&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
119	N	0.61	3,206.90	944.85	WATER WELLS

Well ID:	2104796	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350536
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	140	Latitude:	42.1225324701513
Elevation (Ft.):		Longitude:	-91.2903154755567
Layer:		Xcoord:	641322.184807
Completed date:	11/24/2004	Ycoord:	4664795.44206
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	THOMAS, ROBERT		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2104796&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
120	E	0.62	3,283.42	824.19	WATER WELLS

Well ID:	2916	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352355
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	64	Latitude:	42.1134991738939
Elevation (Ft.):		Longitude:	-91.2755256368922
Layer:		Xcoord:	642565.0
Completed date:	6/22/1947	Ycoord:	4663817.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 40 Well Type: Private		
Owner Name:	Brickley, D.E.		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/2916/general-information		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
121	NE	0.61	3,202.05	901.68	WATER WELLS

Well ID:	4164	Object ID:	325037
Well Type:	WATER USE PERMIT WELLS	Map ID:	325037
Well Type Abbrev:	WTRU	County:	JONES
Well Depth (Ft.):	1520	Latitude:	42.119912
Elevation (Ft.):		Longitude:	-91.279174
Layer:		Xcoord:	642249
Completed date:		Ycoord:	4664523.000000004
Location:	T84N, R04, S02, NW, NE	Est Loc Accuracy:	NOM. +/-20M.
Well ID Source field:	WELLID		
Other Information:	PERMITID: 2577 WELL #6 (NOT DRILLED)		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
122	SE	0.61	3,225.03	801.50	WATER WELLS

Well ID:	2094349	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352403
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1067399996918
Elevation (Ft.):		Longitude:	-91.2785999996887
Layer:		Xcoord:	642325.954374
Completed date:		Ycoord:	4663061.36043
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2094349&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	N	0.62	3,286.26	953.61	WATER WELLS

Well ID:	81295	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350705
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1228241197689
Elevation (Ft.):		Longitude:	-91.2886399337299
Layer:		Xcoord:	641460.04
Completed date:	1994	Ycoord:	4664830.6
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		

Other Information:	Drilling method: Drilled; Known well depth
Owner Name:	Rudish, George
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
124	N	0.63	3,311.54	946.16	WATER WELLS

Well ID:	12324	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350795
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	353	Latitude:	42.1228784744984
Elevation (Ft.):		Longitude:	-91.287816326055
Layer:		Xcoord:	641528.0
Completed date:	7/1/1960	Ycoord:	4664838.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 274 Well Type: Private		
Owner Name:	Kula, Ray		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/12324/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	N	0.63	3,317.32	950.09	WATER WELLS

Well ID:	17808	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350723
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1229071192018
Elevation (Ft.):		Longitude:	-91.2884745044665
Layer:		Xcoord:	641473.53
Completed date:	9/13/1994	Ycoord:	4664840.09
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
126	N	0.63	3,329.37	950.09	WATER WELLS

Well ID:	17832	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350721
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.122940037301
Elevation (Ft.):		Longitude:	-91.2884655129543
Layer:		Xcoord:	641474.2

Completed date:	6/09/1995	Ycoord:	4664843.76
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
127	N	0.63	3,332.91	951.86	WATER WELLS

Well ID:	2088239	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350700
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1229524332905
Elevation (Ft.):		Longitude:	-91.2886755860617
Layer:		Xcoord:	641456.807399
Completed date:	6/27/2003	Ycoord:	4664844.78836
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	STANGE, RON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2088239&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	N	0.63	3,351.27	949.59	WATER WELLS

Well ID:	23070	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350706
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.123001402137
Elevation (Ft.):		Longitude:	-91.2885401961552
Layer:		Xcoord:	641467.89
Completed date:	6/14/1996	Ycoord:	4664850.45
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Fleckenstein		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
129	N	0.65	3,423.34	950.05	WATER WELLS

Well ID:	2143268	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350603

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Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1231900011959
Elevation (Ft.):		Longitude:	-91.2893899938451
Layer:		Xcoord:	641397.224766
Completed date:	12/18/1998	Ycoord:	4664869.98388
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	JESS, BRIAN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143268&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
130	NNE	0.66	3,467.27	961.52	WATER WELLS

Well ID:	2219009	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351159
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	335	Latitude:	42.1228060404173
Elevation (Ft.):		Longitude:	-91.2835720678563
Layer:		Xcoord:	641879.0
Completed date:	9/10/2021	Ycoord:	4664837.0
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ELON HOMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2219009&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
131	SE	0.66	3,479.48	798.07	WATER WELLS

Well ID:	2194864	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352443
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1057808229271
Elevation (Ft.):		Longitude:	-91.2785142884067
Layer:		Xcoord:	642335.1875
Completed date:		Ycoord:	4662955.0
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2194864&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
132	SE	0.66	3,486.38	799.46	WATER WELLS

Well ID:	29602	Object ID:	346993
Well Type:	Water Use Permit Wells	Map ID:	346993
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1054274711809
Elevation (Ft.):		Longitude:	-91.2789736017648
Layer:		Xcoord:	642298.0
Completed date:		Ycoord:	4662915.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W4		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
133	SE	0.66	3,496.80	800.71	WATER WELLS

Well ID:	29603	Object ID:	347001
Well Type:	Water Use Permit Wells	Map ID:	347001
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1055235959078
Elevation (Ft.):		Longitude:	-91.2787774945133
Layer:		Xcoord:	642314.0
Completed date:		Ycoord:	4662926.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W5		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
134	N	0.67	3,558.86	941.17	WATER WELLS

Well ID:	2109073	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350670
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.123572446895
Elevation (Ft.):		Longitude:	-91.288655615366
Layer:		Xcoord:	641457.078636
Completed date:	6/15/2005	Ycoord:	4664913.66553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	STICKLE, DAVE		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2109073&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
135	N	0.67	3,545.10	940.53	WATER WELLS

Well ID:	58456	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350447
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1234577589835
Elevation (Ft.):		Longitude:	-91.2904259013516
Layer:		Xcoord:	641311.0
Completed date:	4/10/2002	Ycoord:	4664898.0
Location:	T85N, R4W, 34, SE SE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 152 Well Type: Private		
Owner Name:	Johnston, Howard		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/58456/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
136	NNW	0.67	3,548.89	913.71	WATER WELLS

Well ID:	15234	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350142
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1229243413655
Elevation (Ft.):		Longitude:	-91.2933782412003
Layer:		Xcoord:	641068.14
Completed date:	1992	Ycoord:	4664833.89
Location:	T85N, R4W, Sec. 34, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Delegardelle, Rick		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
137	SE	0.67	3,554.93	796.60	WATER WELLS

Well ID:	29601	Object ID:	347004
Well Type:	Water Use Permit Wells	Map ID:	347004
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052193270687
Elevation (Ft.):		Longitude:	-91.2789066682197
Layer:		Xcoord:	642304.0
Completed date:		Ycoord:	4662892.0

Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W3		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
138	N	0.69	3,631.00	922.90	WATER WELLS

Well ID:	75977	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350558
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1237584230757
Elevation (Ft.):		Longitude:	-91.289450004497
Layer:		Xcoord:	641391.0
Completed date:	11/12/2009	Ycoord:	4664933.0
Location:	T85N, R4W, 34, SE SE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Unknown		
Owner Name:	Nemmers, Tony		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/75977/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
139	SE	0.68	3,580.86	787.31	WATER WELLS

Well ID:	29599	Object ID:	347023
Well Type:	Water Use Permit Wells	Map ID:	347023
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052877188279
Elevation (Ft.):		Longitude:	-91.2786629354306
Layer:		Xcoord:	642324.0
Completed date:		Ycoord:	4662900.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W1		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
140	SE	0.68	3,586.43	786.89	WATER WELLS

Well ID:	29600	Object ID:	347020
Well Type:	Water Use Permit Wells	Map ID:	347020
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052079667071

Elevation (Ft.):		Longitude:	-91.2787497521758
Layer:		Xcoord:	642317.0
Completed date:		Ycoord:	4662891.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W2		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
141	N	0.69	3,636.70	917.62	WATER WELLS

Well ID:	15099	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350521
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1237596793273
Elevation (Ft.):		Longitude:	-91.2897637836201
Layer:		Xcoord:	641365.06
Completed date:	1994	Ycoord:	4664932.62
Location:	T85N, R4W, Sec. 34, SE, SE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rudish, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
142	N	0.69	3,646.89	918.01	WATER WELLS

Well ID:	15069	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350534
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1237926587783
Elevation (Ft.):		Longitude:	-91.2896682927788
Layer:		Xcoord:	641372.88
Completed date:	unkn	Ycoord:	4664936.44
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Silver, Kim		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
143	N	0.69	3,659.15	916.29	WATER WELLS

Well ID:	2077789	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Private well tracking system	Map ID:	350465
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1237999997438
Elevation (Ft.):		Longitude:	-91.2900999996549
Layer:		Xcoord:	641337.178472
Completed date:		Ycoord:	4664936.54053
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	JOHNSTON, HOWARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
144	N	0.70	3,686.27	914.38	WATER WELLS

Well ID:	2935	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350518
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.12389849809
Elevation (Ft.):		Longitude:	-91.2897178282718
Layer:		Xcoord:	641368.55
Completed date:	1993	Ycoord:	4664948.11
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Carlson, James		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
145	NNE	0.69	3,660.38	953.22	WATER WELLS

Well ID:	2196649	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351179
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1232677605108
Elevation (Ft.):		Longitude:	-91.2831856402619
Layer:		Xcoord:	641909.912246
Completed date:	1/1/1950	Ycoord:	4664888.90978
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	ZASADNY, DON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2196649&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
146	N	0.70	3,710.84	934.09	WATER WELLS

Well ID:	2092675	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350636
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	226	Latitude:	42.1239900001458
Elevation (Ft.):		Longitude:	-91.2887699999684
Layer:		Xcoord:	641446.694399
Completed date:	7/24/2003	Ycoord:	4664959.83958
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	RUBNER, CHAD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2092675&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
147	NNW	0.70	3,693.02	958.02	WATER WELLS

Well ID:	2203137	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350217
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1235671024103
Elevation (Ft.):		Longitude:	-91.292444980934
Layer:		Xcoord:	641143.857894
Completed date:	1/1/1950	Ycoord:	4664906.80191
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	KUSTES, JASON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2203137&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
148	N	0.71	3,729.26	934.42	WATER WELLS

Well ID:	86553	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350568
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1240346136755
Elevation (Ft.):		Longitude:	-91.2892490099231
Layer:		Xcoord:	641407.0
Completed date:	11/15/2005	Ycoord:	4664964.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 127 Well Type: Private		

Wells and Additional Sources Detail Report

Owner Name: Eilers, Lonnie
Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/86553/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	NE	0.70	3,701.85	903.34	WATER WELLS

Well ID:	20645	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351759
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1210415648511
Elevation (Ft.):		Longitude:	-91.2780850280483
Layer:		Xcoord:	642336.52
Completed date:	unkn	Ycoord:	4664650.21
Location:	T84N, R4W, Sec. 2, NW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Albers, Mary		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	N	0.71	3,760.28	931.43	WATER WELLS

Well ID:	86513	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350635
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	226	Latitude:	42.1241255237155
Elevation (Ft.):		Longitude:	-91.2887021663583
Layer:		Xcoord:	641452.0
Completed date:	7/24/2003	Ycoord:	4664975.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 151 Well Type: Private		
Owner Name:	Rubner, Chad		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86513/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
151	SSE	0.71	3,730.28	859.42	WATER WELLS

Well ID:	2159815	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352093
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.102558136966
Elevation (Ft.):		Longitude:	-91.2843856750302
Layer:		Xcoord:	641856.903069
Completed date:	4/26/2012	Ycoord:	4662587.39951

Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	PATNODE, C.J.		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2159815&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
152	N	0.72	3,801.55	905.15	WATER WELLS

Well ID:	2144549	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350473
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.124210358263
Elevation (Ft.):		Longitude:	-91.2898178038014
Layer:		Xcoord:	641359.592457
Completed date:	11/12/2009	Ycoord:	4664982.57235
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	NEMMERS, ANTHONY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2144549&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
153	NE	0.72	3,800.89	924.75	WATER WELLS

Well ID:	2220886	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351825
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	335	Latitude:	42.1208848486976
Elevation (Ft.):		Longitude:	-91.2773704934897
Layer:		Xcoord:	642395.9375
Completed date:	1/4/2022	Ycoord:	4664634.0
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ELON HOMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2220886&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
154	SSW	0.73	3,863.66	777.59	WATER WELLS

Well ID:	23439	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351297
Well Type Abbrev:	PLUG	County:	Jones

Well Depth (Ft.):	300	Latitude:	42.1024465122851
Elevation (Ft.):		Longitude:	-91.2929496530075
Layer:		Xcoord:	641149.01
Completed date:	n.a.	Ycoord:	4662560.82
Location:	T84N, R4W, Sec. 10, NE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 7/20/1994; Well type: < 18" dia.		
Owner Name:	City Water Department		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15313	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349886
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	86	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 84 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15313/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15389	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349881
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	26	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 25 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15389/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	15396	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349888
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	15	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Monitor		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15396/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	18241	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349882
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	85	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/20/1965	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Unknown
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	State Of Iowa		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/18241/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15315	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349885
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	35	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	9/30/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 34 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15315/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15391	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349884
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	67	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 65 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15391/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15316	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349877
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	70	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15316/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15390	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349879
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	33	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 31 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		

Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/15390/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15312	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349878
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	51	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 48 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15312/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15395	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349880
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Monitor		
Owner Name:	State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15395/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15314	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349887
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	16	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	9/30/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.

Well ID Source field:	wnumber
Other Information:	Bedrock Depth: 15 Well Type: Test (water only)
Owner Name:	Iowa State Reformatory
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15314/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15388	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349883
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	65	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	NULL	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15388/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
157	N	0.74	3,908.40	898.58	WATER WELLS

Well ID:	86531	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350370
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	140	Latitude:	42.12445811287
Elevation (Ft.):		Longitude:	-91.2904715868383
Layer:		Xcoord:	641305.0
Completed date:	11/24/2004	Ycoord:	4665009.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Heat Pump		
Owner Name:	Thomas, Robert		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86531/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
158	ESE	0.75	3,937.80	864.53	WATER WELLS

Well ID:	2170646	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352685
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1102882054
Elevation (Ft.):		Longitude:	-91.2734098835195

Layer:		Xcoord:	642747.125
Completed date:		Ycoord:	4663464.0
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	ANAMOSA HIGH SCHOOL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2170646&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
159	N	0.75	3,955.50	922.37	WATER WELLS

Well ID:	2138884	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350591
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1246612933205
Elevation (Ft.):		Longitude:	-91.2886960611632
Layer:		Xcoord:	641451.3125
Completed date:		Ycoord:	4665034.5
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	SULLIVAN, CJ		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2138884&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
160	N	0.75	3,959.81	919.56	WATER WELLS

Well ID:	58617	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350621
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246715187584
Elevation (Ft.):		Longitude:	-91.2885182201697
Layer:		Xcoord:	641465.99
Completed date:	1997	Ycoord:	4665035.93
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
162	N	0.75	3,964.00	921.33	WATER WELLS

Well ID:	58816	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Wells registered for testing	Map ID:	350605
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246837170431
Elevation (Ft.):		Longitude:	-91.288575235436
Layer:		Xcoord:	641461.25
Completed date:	1997	Ycoord:	4665037.19
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	2005230	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350617
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246975038059
Elevation (Ft.):		Longitude:	-91.288542235239
Layer:		Xcoord:	641463.947055
Completed date:	10/29/1996	Ycoord:	4665038.77553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	SEATON, ROGER		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005230&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	2005052	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350616
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246975038059
Elevation (Ft.):		Longitude:	-91.288542235239
Layer:		Xcoord:	641463.947055
Completed date:	10/28/1996	Ycoord:	4665038.77553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	BRANNON, BOB		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005052&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	60381	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350613
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	6/15/2005	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 125 Well Type: Private		
Owner Name:	Sticke, Dave		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/60381/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	47320	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350612
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	10/29/1996	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 190 Well Type: Private		
Owner Name:	Seaton, Roger		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47320/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	57329	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350611
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	8/27/2003	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 154 Well Type: Private		
Owner Name:	Bible, Shawny		

Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/57329/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	47508	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350615
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	10/28/1996	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 180 Well Type: Private		
Owner Name:	Brannon, Bob		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47508/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	54864	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350614
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	235	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	9/19/2001	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 135 Well Type: Private		
Owner Name:	Farris, Tom		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/54864/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
164	NNW	0.75	3,944.17	929.85	WATER WELLS

Well ID:	2171918	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350066
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1240180010436
Elevation (Ft.):		Longitude:	-91.2936019938157
Layer:		Xcoord:	641047.217664
Completed date:	1/1/1950	Ycoord:	4664954.9563
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.

Wells and Additional Sources Detail Report

Well ID Source field:	wellnmbr
Other Information:	Status: Active
Owner Name:	NASSIF, BRIAN
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2171918&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
165	N	0.76	3,987.83	915.73	WATER WELLS

Well ID:	23110	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350608
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247484826372
Elevation (Ft.):		Longitude:	-91.2885217131349
Layer:		Xcoord:	641465.53
Completed date:	10/08/1996	Ycoord:	4665044.47
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Seaton		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
166	N	0.76	3,993.20	915.33	WATER WELLS

Well ID:	59125	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350609
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247631311747
Elevation (Ft.):		Longitude:	-91.2885135761492
Layer:		Xcoord:	641466.17
Completed date:	1996	Ycoord:	4665046.11
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	35483	Object ID:	346054;346055
Well Type:	IGS Well Database	Map ID:	346054;346055
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1018019452178

Elevation (Ft.):		Longitude:	-91.2918907496173
Layer:		Xcoord:	641238.0
Completed date:		Ycoord:	4662491.0
Location:	T84N, R4W, 10, NE SW NE	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 10 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35483/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	35483	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351463
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1018019452177
Elevation (Ft.):		Longitude:	-91.2918907496173
Layer:		Xcoord:	641238.0
Completed date:	NULL	Ycoord:	4662491.0
Location:	T84N, R4W, 10, NE SW NE	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 10 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35483/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	2412239	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351464
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1017999995479
Elevation (Ft.):		Longitude:	-91.2918900000567
Layer:		Xcoord:	641238.066304
Completed date:	1/1/1998	Ycoord:	4662490.78525
Location:	T84N, R4W, S10 NE SW NE	Est Loc Accuracy:	GPS +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
168	N	0.76	3,999.27	891.99	WATER WELLS

Well ID:	47991	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Wells registered for testing	Map ID:	350312
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	305	Latitude:	42.1246666385446
Elevation (Ft.):		Longitude:	-91.2909091224071
Layer:		Xcoord:	641268.37
Completed date:	1998	Ycoord:	4665031.43
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Michels, David/Rhonda		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
169	NNE	0.75	3,980.09	931.74	WATER WELLS

Well ID:	2089044	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351266
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1239000003716
Elevation (Ft.):		Longitude:	-91.2821000000746
Layer:		Xcoord:	641998.240508
Completed date:	8/15/1973	Ycoord:	4664960.91606
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	Nielsen, Paul		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2089044&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
170	N	0.76	4,010.92	891.99	WATER WELLS

Well ID:	71767	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350310
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246999979576
Elevation (Ft.):		Longitude:	-91.2908995151201
Layer:		Xcoord:	641269.09
Completed date:	1996	Ycoord:	4665035.15
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Steenhoek, Luann		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
171	SE	0.75	3,972.99	790.21	WATER WELLS

Well ID:	12299	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352548
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	115	Latitude:	42.1041902609164
Elevation (Ft.):		Longitude:	-91.2781484043956
Layer:		Xcoord:	642369.0
Completed date:	4/1/1960	Ycoord:	4662779.0
Location:	T84N, R4W, 11, NW NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 70 Well Type: Private		
Owner Name:	Huerter, John		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/12299/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
172	N	0.76	4,018.82	891.99	WATER WELLS

Well ID:	29308	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350305
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247195101148
Elevation (Ft.):		Longitude:	-91.2909216134816
Layer:		Xcoord:	641267.22
Completed date:	8/30/2001	Ycoord:	4665037.28
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Bailey		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
173	N	0.76	4,020.76	889.06	WATER WELLS

Well ID:	48002	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350297
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	305	Latitude:	42.12471792991
Elevation (Ft.):		Longitude:	-91.2909848066311
Layer:		Xcoord:	641262.0
Completed date:	5/21/1998	Ycoord:	4665037.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 162 Well Type: Private		
Owner Name:	Michaels, Dave		

Wells and Additional Sources Detail Report

Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/48002/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
174	N	0.76	4,028.38	888.74	WATER WELLS

Well ID:	23061	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350309
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247491567121
Elevation (Ft.):		Longitude:	-91.2908925075174
Layer:		Xcoord:	641269.56
Completed date:	5/04/1998	Ycoord:	4665040.62
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
175	NNW	0.76	4,027.47	894.34	WATER WELLS

Well ID:	23105	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350286
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247299613415
Elevation (Ft.):		Longitude:	-91.2910427947318
Layer:		Xcoord:	641257.18
Completed date:	10/04/1996	Ycoord:	4665038.24
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Brannon		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
176	N	0.76	4,038.44	887.11	WATER WELLS

Well ID:	86639	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350331
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1248182110533
Elevation (Ft.):		Longitude:	-91.2904619032723
Layer:		Xcoord:	641305.0
Completed date:	12/18/1998	Ycoord:	4665049.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.

Well ID Source field:	wnumber
Other Information:	Bedrock Depth: 0 Well Type:
Owner Name:	Jess, Brian
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86639/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
177	N	0.77	4,052.39	921.68	WATER WELLS

Well ID:	86508	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350576
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1249272826687
Elevation (Ft.):		Longitude:	-91.2887168771718
Layer:		Xcoord:	641449.0
Completed date:	6/27/2003	Ycoord:	4665064.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 131 Well Type: Private		
Owner Name:	Stange, Ron		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86508/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
178	N	0.77	4,043.73	888.28	WATER WELLS

Well ID:	23051	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350290
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247819283698
Elevation (Ft.):		Longitude:	-91.2909824812412
Layer:		Xcoord:	641262.05
Completed date:	5/19/1998	Ycoord:	4665044.11
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Michels		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
179	N	0.77	4,051.78	888.28	WATER WELLS

Well ID:	56120	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350293
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1248083070121
Elevation (Ft.):		Longitude:	-91.2909455995313

Layer:		Xcoord:	641265.04
Completed date:	unkn	Ycoord:	4665047.1
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Jess, Brian		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
180	NNW	0.77	4,060.74	895.76	WATER WELLS

Well ID:	47986	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350281
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1248180561433
Elevation (Ft.):		Longitude:	-91.2910801074611
Layer:		Xcoord:	641253.9
Completed date:	1996	Ycoord:	4665047.96
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Brannon, Bob		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
182	NNE	0.78	4,112.16	923.18	WATER WELLS

Well ID:	2090979	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351274
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	220	Latitude:	42.1242000002755
Elevation (Ft.):		Longitude:	-91.2817999993854
Layer:		Xcoord:	642022.368451
Completed date:	1/2/1965	Ycoord:	4664994.72587
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	NIELSON, PAUL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2090979&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
183	NNE	0.79	4,157.31	921.45	WATER WELLS

Well ID:	2169789	Object ID:	0

Well Type:	Private well tracking system	Map ID:	351288
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	366	Latitude:	42.1242620010543
Elevation (Ft.):		Longitude:	-91.2815699946181
Layer:		Xcoord:	642041.24223
Completed date:	10/30/1998	Ycoord:	4665001.9928
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	PEARSON, JOHN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2169789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
184	E	0.82	4,324.77	827.73	WATER WELLS

Well ID:	2152919	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352617
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	72	Latitude:	42.1149560006399
Elevation (Ft.):		Longitude:	-91.2717699946234
Layer:		Xcoord:	642872.22143
Completed date:	1/1/1950	Ycoord:	4663985.03625
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	ANAMOSA COMMUNITY SCHOOLS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2152919&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
185	NE	0.81	4,265.59	839.09	WATER WELLS

Well ID:	82962	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352190
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.119995276844
Elevation (Ft.):		Longitude:	-91.2743057372529
Layer:		Xcoord:	642651.28
Completed date:	unkn	Ycoord:	4664540.34
Location:	T84N, R4W, Sec. 2, NE, NW, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Toomer, Mickie		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
186	NE	0.81	4,274.38	838.90	WATER WELLS

Well ID:	72997	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352187
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1200563585347
Elevation (Ft.):		Longitude:	-91.2743190796018
Layer:		Xcoord:	642650.04
Completed date:	unkn	Ycoord:	4664547.1
Location:	T84N, R4W, Sec. 2, NE, NW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Toomer, Mickie		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
187	S	0.82	4,346.96	855.34	WATER WELLS

Well ID:	23099	Object ID:	0
Well Type:	Permitted private wells	Map ID:	351826
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.100563495333
Elevation (Ft.):		Longitude:	-91.2880345727687
Layer:		Xcoord:	641559.62
Completed date:	9/19/1996	Ycoord:	4662359.87
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Reule		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
188	S	0.82	4,353.41	860.18	WATER WELLS

Well ID:	44936	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351829
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1005460157439
Elevation (Ft.):		Longitude:	-91.2880219824058
Layer:		Xcoord:	641560.7
Completed date:	1996	Ycoord:	4662357.95
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Reule, Keith		

Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
189	S	0.83	4,369.46	863.87	WATER WELLS

Well ID:	44974	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351838
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1005033615602
Elevation (Ft.):		Longitude:	-91.2879458544391
Layer:		Xcoord:	641567.09
Completed date:	1996	Ycoord:	4662353.34
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Reule, Keith		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
190	NNE	0.82	4,340.50	919.66	WATER WELLS

Well ID:	79240	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351314
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.124680901469
Elevation (Ft.):		Longitude:	-91.2811708417893
Layer:		Xcoord:	642073.3
Completed date:	unkn	Ycoord:	4665049.17
Location:	T85N, R4W, Sec. 35, SW, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Parker, Don		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
191	SE	0.82	4,355.06	840.39	WATER WELLS

Well ID:	2096230	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352773
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	70	Latitude:	42.1044999995624
Elevation (Ft.):		Longitude:	-91.2757000005439
Layer:		Xcoord:	642570.755145
Completed date:	1/1/1950	Ycoord:	4662817.47555
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.

Well ID Source field:	wellnmbr
Other Information:	Status: Plugged
Owner Name:	Beltramen, Matt
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2096230&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
192	NNW	0.83	4,403.46	909.77	WATER WELLS

Well ID:	55671	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350125
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	240	Latitude:	42.1256187215074
Elevation (Ft.):		Longitude:	-91.2922066838343
Layer:		Xcoord:	641159.0
Completed date:	10/3/2001	Ycoord:	4665135.0
Location:	T85N, R4W, 34, SE	Est Loc Accuracy:	Calc. +/- 1870 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 83 Well Type: Private		
Owner Name:	Easterly Plumbing & Heating		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55671/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
193	E	0.85	4,489.35	831.92	WATER WELLS

Well ID:	2098317	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352709
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	50	Latitude:	42.1142999996363
Elevation (Ft.):		Longitude:	-91.2710999998476
Layer:		Xcoord:	642929.085787
Completed date:	1/1/1950	Ycoord:	4663913.31734
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	SHADA, CHUCK		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2098317&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
194	W	0.84	4,411.51	795.09	WATER WELLS

Well ID:	81316	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349409
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	163	Latitude:	42.11558254567

Elevation (Ft.):		Longitude:	-91.3052209240419
Layer:		Xcoord:	640105.38
Completed date:	2000	Ycoord:	4663999.19
Location:	T84N, R4W, Sec. 3, NW, SW, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Boone, Todd		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
195	W	0.84	4,432.00	795.18	WATER WELLS

Well ID:	55573	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349398
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	163	Latitude:	42.1155819748486
Elevation (Ft.):		Longitude:	-91.3052981123639
Layer:		Xcoord:	640099.0
Completed date:	11/2/2000	Ycoord:	4663999.0
Location:	T84N, R4W, 3, NW SW SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 41 Well Type: Private		
Owner Name:	Boone, Todd		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55573/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
196	SSE	0.84	4,440.75	877.39	WATER WELLS

Well ID:	2218705	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352134
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1004640324428
Elevation (Ft.):		Longitude:	-91.2851225519658
Layer:		Xcoord:	641800.639334
Completed date:	9/19/1996	Ycoord:	4662353.65528
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	REULE, KEITH		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2218705&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
197	SE	0.84	4,449.31	842.40	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	44218	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352800
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	121	Latitude:	42.1042272732432
Elevation (Ft.):		Longitude:	-91.2755640204496
Layer:		Xcoord:	642582.61
Completed date:	unkn	Ycoord:	4662787.42
Location:	T84N, R4W, Sec. 11, NE, NW, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Fagen, Michelle		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
198	N	0.86	4,551.89	895.91	WATER WELLS

Well ID:	86714	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350481
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	202	Latitude:	42.1262958346823
Elevation (Ft.):		Longitude:	-91.2886921335852
Layer:		Xcoord:	641448.0
Completed date:	6/25/2013	Ycoord:	4665216.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 91 Well Type: Unknown		
Owner Name:	Gravel, Robert		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86714/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
198	N	0.86	4,551.89	894.91	WATER WELLS

Well ID:	2168963	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350482
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	202	Latitude:	42.1263003020767
Elevation (Ft.):		Longitude:	-91.2886897449195
Layer:		Xcoord:	641448.1875
Completed date:	6/25/2013	Ycoord:	4665216.5
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	GRAVEL, ROBERT		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2168963&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
199	SSE	0.86	4,528.93	821.99	WATER WELLS

Well ID:	57083	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352300
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1005286249744
Elevation (Ft.):		Longitude:	-91.283170045108
Layer:		Xcoord:	641961.95
Completed date:	unkn	Ycoord:	4662364.07
Location:	T84N, R4W, Sec. 11, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Dunyon, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
200	E	0.88	4,629.47	828.88	WATER WELLS

Well ID:	80580	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352817
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1134542773102
Elevation (Ft.):		Longitude:	-91.2705631530159
Layer:		Xcoord:	642975.37
Completed date:	unkn	Ycoord:	4663820.31
Location:	T84N, R4W, Sec. 2, SE, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Robertson, Ladonna		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
201	SSE	0.86	4,538.63	832.33	WATER WELLS

Well ID:	2005291	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352304
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1005164286843
Elevation (Ft.):		Longitude:	-91.2830867423479
Layer:		Xcoord:	641968.865555
Completed date:	11/20/1997	Ycoord:	4662362.85417
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MERRITT, BILL		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005291&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
201	SSE	0.86	4,538.63	832.33	WATER WELLS

Well ID:	47191	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352303
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1005178978417
Elevation (Ft.):		Longitude:	-91.2830971705927
Layer:		Xcoord:	641968.0
Completed date:	11/20/1997	Ycoord:	4662363.0
Location:	T84N, R4W, 11, NW SW SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 34 Well Type: Private		
Owner Name:	Merritt, Bill		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47191/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
202	SSE	0.86	4,565.93	841.83	WATER WELLS

Well ID:	23256	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352317
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1004598065075
Elevation (Ft.):		Longitude:	-91.2829947365776
Layer:		Xcoord:	641976.6
Completed date:	11/06/1997	Ycoord:	4662356.72
Location:	T84N, R4W, Sec. 11, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Merritt		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
203	W	0.87	4,581.39	799.81	WATER WELLS

Well ID:	2077607	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349355
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1157999999143
Elevation (Ft.):		Longitude:	-91.3058000000591
Layer:		Xcoord:	640057.028105
Completed date:	1/1/1970	Ycoord:	4664022.38551

Wells and Additional Sources Detail Report

Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MATTHEWS, LOREN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077607&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
204	N	0.88	4,626.14	879.34	WATER WELLS

Well ID:	55615	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350488
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	260	Latitude:	42.1265009062483
Elevation (Ft.):		Longitude:	-91.2885535329962
Layer:		Xcoord:	641459.0
Completed date:	6/29/2000	Ycoord:	4665239.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 110 Well Type: Private		
Owner Name:	Werner, Bill		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55615/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
204	N	0.88	4,626.14	879.34	WATER WELLS

Well ID:	52218	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350487
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.1265009062483
Elevation (Ft.):		Longitude:	-91.2885535329962
Layer:		Xcoord:	641459.0
Completed date:	5/30/2000	Ycoord:	4665239.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 129 Well Type: Private		
Owner Name:	Johnson, Paul		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/52218/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
205	N	0.88	4,630.23	882.97	WATER WELLS

Well ID:	26858	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350472
Well Type Abbrev:	PVTP	County:	Jones

Well Depth (Ft.):	unkn	Latitude:	42.1265127105369
Elevation (Ft.):		Longitude:	-91.288620360024
Layer:		Xcoord:	641453.45
Completed date:	5/11/2000	Ycoord:	4665240.2
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Werner		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
206	E	0.88	4,668.44	824.53	WATER WELLS

Well ID:	76931	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352947
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	30	Latitude:	42.1114596585114
Elevation (Ft.):		Longitude:	-91.2704646284549
Layer:		Xcoord:	642988.0
Completed date:	8/30/2013	Ycoord:	4663599.0
Location:	T84N, R4W, 2, SE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Heat Pump		
Owner Name:	Anamosa Community School District		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/76931/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
207	N	0.88	4,645.63	874.87	WATER WELLS

Well ID:	73964	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350490
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.126553981624
Elevation (Ft.):		Longitude:	-91.2885132688799
Layer:		Xcoord:	641462.21
Completed date:	unkn	Ycoord:	4665244.96
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Johnson, Deb		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
208	N	0.88	4,645.83	879.34	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	26855	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350477
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1265551484318
Elevation (Ft.):		Longitude:	-91.2885733654054
Layer:		Xcoord:	641457.24
Completed date:	5/12/2000	Ycoord:	4665244.99
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
209	ENE	0.88	4,666.51	833.33	WATER WELLS

Well ID:	2151797	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352647
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	150	Latitude:	42.1161756165452
Elevation (Ft.):		Longitude:	-91.2707349273799
Layer:		Xcoord:	642955.050895
Completed date:	12/27/2010	Ycoord:	4664122.18977
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	SCHOOLS, ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2151797&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
210	N	0.88	4,653.53	867.82	WATER WELLS

Well ID:	26856	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350499
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1265749700091
Elevation (Ft.):		Longitude:	-91.2884592298281
Layer:		Xcoord:	641466.63
Completed date:	5/12/2000	Ycoord:	4665247.38
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
211	ENE	0.88	4,667.51	834.31	WATER WELLS

Well ID:	2180789	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352453
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	450	Latitude:	42.1185792520981
Elevation (Ft.):		Longitude:	-91.2716794887947
Layer:		Xcoord:	642871.5625
Completed date:	5/2/2015	Ycoord:	4664387.5
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ANAMOSA COMMUNITY SCHOOLS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2180789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
212	NNE	0.88	4,637.84	886.97	WATER WELLS

Well ID:	15333	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351556
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	183	Latitude:	42.1246611648178
Elevation (Ft.):		Longitude:	-91.2787554425728
Layer:		Xcoord:	642273.0
Completed date:	6/26/1962	Ycoord:	4665051.0
Location:	T85N, R4W, 35, SW SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Private		
Owner Name:	Otten, Harry		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15333/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
213	SSE	0.88	4,649.90	886.49	WATER WELLS

Well ID:	2143219	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352447
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1007040008829
Elevation (Ft.):		Longitude:	-91.2811059939337
Layer:		Xcoord:	642132.236573
Completed date:	5/20/2001	Ycoord:	4662386.97492
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		

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Owner Name: KELLOGG, ROBERT
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143219&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
214	SSE	0.88	4,652.49	893.19	WATER WELLS

Well ID:	2138285	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352441
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1006520010735
Elevation (Ft.):		Longitude:	-91.2812529941421
Layer:		Xcoord:	642120.197191
Completed date:	1/1/1950	Ycoord:	4662380.9565
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	LUDWIG, DANIEL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2138285&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
215	ENE	0.90	4,775.62	834.53	WATER WELLS

Well ID:	2153934	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352564
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1177381984764
Elevation (Ft.):		Longitude:	-91.2708503029787
Layer:		Xcoord:	642942.0
Completed date:		Ycoord:	4664295.5
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	SCHOOLS, ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2153934&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
217	WNW	0.91	4,790.97	822.63	WATER WELLS

Well ID:	2080138	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349242
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1167000002793
Elevation (Ft.):		Longitude:	-91.3063000002147
Layer:		Xcoord:	640013.710919

Completed date:	1/1/1940	Ycoord:	4664121.49817
Location:	T84N, R4W, S4	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MCDONALD, DUANE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2080138&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
218	ENE	0.92	4,857.53	840.26	WATER WELLS

Well ID:	79971	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352458
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	450	Latitude:	42.119235380853
Elevation (Ft.):		Longitude:	-91.2712934585088
Layer:		Xcoord:	642902.0
Completed date:	5/2/2015	Ycoord:	4664461.0
Location:	T84N, R4W, 2, NE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 150 Well Type: Private		
Owner Name:	Anamosa Community School		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/79971/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
219	W	0.93	4,890.88	796.59	WATER WELLS

Well ID:	2183896	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349218
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1161460075977
Elevation (Ft.):		Longitude:	-91.3068661792286
Layer:		Xcoord:	639968.124406
Completed date:	1/1/1950	Ycoord:	4664059.05702
Location:	T84N, R4W, S4	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MERRILL, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2183896&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
220	ESE	0.94	4,943.72	822.39	WATER WELLS

Well ID:	14986	Object ID:	0
Well Type:	IGS Well Database	Map ID:	353134

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Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1077951414792
Elevation (Ft.):		Longitude:	-91.2705279870505
Layer:		Xcoord:	642991.0
Completed date:	10/2/1962	Ycoord:	4663192.0
Location:	T84N, R4W, 2, SE SE NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 46 Well Type: Other		
Owner Name:	Anamosa Public School		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/14986/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
221	SSE	0.93	4,922.89	884.79	WATER WELLS

Well ID:	68377	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352411
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.0995875233996
Elevation (Ft.):		Longitude:	-91.2823120419786
Layer:		Xcoord:	642035.0
Completed date:	1/1/2004	Ycoord:	4662261.0
Location:	T84N, R4W, 11, SE NW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 36 Well Type: Private		
Owner Name:	Saddler, James		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/68377/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
221	SSE	0.93	4,922.89	884.79	WATER WELLS

Well ID:	2101033	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352412
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.0995900001271
Elevation (Ft.):		Longitude:	-91.2823100003233
Layer:		Xcoord:	642035.163328
Completed date:		Ycoord:	4662261.27839
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	SADDLER, JAMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2101033&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
222	SSW	0.95	4,990.32	782.19	WATER WELLS

Well ID:	17102	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350962
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1007452679436
Elevation (Ft.):		Longitude:	-91.2978536478364
Layer:		Xcoord:	640747.27
Completed date:	n.a.	Ycoord:	4662363.83
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	County, Jones		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
223	NNE	0.94	4,949.15	957.44	WATER WELLS

Well ID:	47130	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351216
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	367	Latitude:	42.1264898157067
Elevation (Ft.):		Longitude:	-91.2811860506929
Layer:		Xcoord:	642068.0
Completed date:	10/30/1998	Ycoord:	4665250.0
Location:	T85N, R4W, 35, SW NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 139 Well Type: Private		
Owner Name:	Pearson, John		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47130/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
224	SSW	0.95	5,000.04	777.10	WATER WELLS

Well ID:	20532	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350961
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1007258569724
Elevation (Ft.):		Longitude:	-91.2978807723195
Layer:		Xcoord:	640745.07
Completed date:	unkn	Ycoord:	4662361.63
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Utilities Ies		
Well Doc Link:	no hyperlink		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
225	SSW	0.95	5,005.20	781.84	WATER WELLS

Well ID:	17100	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350948
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1007409677142
Elevation (Ft.):		Longitude:	-91.2979583696654
Layer:		Xcoord:	640738.62
Completed date:	n.a.	Ycoord:	4662363.18
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Jones County		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
226	ENE	0.95	5,037.39	842.18	WATER WELLS

Well ID:	15061	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352790
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	150	Latitude:	42.1162108942974
Elevation (Ft.):		Longitude:	-91.2693535610767
Layer:		Xcoord:	643069.17
Completed date:	unkn	Ycoord:	4664128.42
Location:	T84N, R4W, Sec. 2, NE, SE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Kouba, Wilson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
227	NW	0.97	5,122.75	887.19	WATER WELLS

Well ID:	25778	Object ID:	0
Well Type:	Permitted private wells	Map ID:	349234
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	300	Latitude:	42.1229732534893
Elevation (Ft.):		Longitude:	-91.3030982382876
Layer:		Xcoord:	640264.56
Completed date:	11/02/1999	Ycoord:	4664823.31
Location:	T85N, R4W, Sec. 34, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		

Other Information:	Primary use: household
Owner Name:	Streif
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
228	NW	0.97	5,132.93	887.19	WATER WELLS

Well ID:	59823	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349231
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1229729101754
Elevation (Ft.):		Longitude:	-91.3031480891689
Layer:		Xcoord:	640260.44
Completed date:	1999	Ycoord:	4664823.19
Location:	T85N, R4W, Sec. 34, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Streif, Dale		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
229	NNE	0.99	5,218.87	953.21	WATER WELLS

Well ID:	68409	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351287
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	320	Latitude:	42.1269880896024
Elevation (Ft.):		Longitude:	-91.2801805206686
Layer:		Xcoord:	642150.0
Completed date:	12/12/2003	Ycoord:	4665307.0
Location:	T85N, R4W, 35, SW NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 130 Well Type: Private		
Owner Name:	Lenger, Jim		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/68409/general-information		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *JONES* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *JONES* County

No Measures/Homes:	8
Geometric Mean:	6.2
Arithmetic Mean:	10.8
Median:	5.5
Standard Deviation:	14.8
Maximum:	46.5
% >4 pCi/L:	63
% >20 pCi/L:	13
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Iowa conducted during 1988-89. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This select NWIS Wells dataset contains specific Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern. Applicable NWIS database information is obtained

through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Oil and Gas Wells **OGW**

As of IA state regulatory agencies, FracTracker Alliance - state of Iowa confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Wells **PWSW**

The Public Water Supply Wells (PWSW) data consist of all the community water supply wells in Iowa. This data was made available by Iowa Department of Natural Resources.

Water Well Database **WATER WELLS**

List of water well locations made available by the Iowa Department of Natural Resources. This listing is a compilation of records from various well databases including the Geologic Sampling Points database, the Safe Drinking Water Information System (SDWIS) Wells database, and the Water Allocation Compliance and Online Permitting (WACOP) database.

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CHAIN OF TITLE

Project Property: *104 BROADWAY PLACE*
ANAMOSA, IA 52205
Order No: *23112800231-COT1*
Date Completed: *11/30/2023*

ERIS – Environmental Risk Information Services hereby submits the following historical chain-of-title to the land described below.

Title to the estate or interest covered by this report appears to be vested in:

LIVJOYFULL LLC

The following is the current property legal description (See deed for full legal description):

COM NW COR NE NE SE S TO PT 88' N OF NW COR 1A TR IN SW COR E 170' S 88' E TO NE COR OF 1A TR S TO PAR 2009-15 E TO NE COR PAR 2009-15 N TO N LN NE SE W TO BEG EXC PARCEL 2011-36

Assessor's Parcel Number(s): 09-03-427-014 AND 09-03-427-011

CHAIN OF TITLE REPORT

Order No: *23112800231-COT1*

HISTORICAL CHAIN OF TITLE

Public Records were searched at the JONES COUNTY Assessor's office and the JONES COUNTY Clerk's office back to 1963. The following conveyances were found of record.

1.	Deed Type:	QUIT CLAIM DEED
	Deed Date:	10/23/2018
	Recorded:	10/23/2018
	Grantor:	WEBER STONE COMPANY, AN IOWA CORPORATION
	Grantee:	LIVJOYFULL LLC
	Instrument:	2018-2916
	Notes:	NA
2.	Deed Type:	WARRANTY DEED
	Deed Date:	09/14/2018
	Recorded:	09/25/2018
	Grantor:	CITY OF ANAMOSA, IOWA
	Grantee:	WEBER STONE COMPANY
	Instrument:	2018-2647
	Notes:	NA
3.	Deed Type:	DECREE OF DISTRIBUTION
	Deed Date:	11/21/2016
	Recorded:	12/06/2016
	Grantor:	COMMUNITY CARE, INC., RESPONDENT
	Grantee:	CITY OF ANAMOSA, IOWA, PETITIONER
	Instrument:	2016-3449
	Notes:	NA

4. Deed Type: WARRANTY DEED
   Deed Date: 09/09/2011
   Recorded: 11/04/2011
   Grantor: COMMUNITY CARE, INC.
   Grantee: JONES COUNTY, IOWA
   Instrument: 2011-2870
   Notes: THIS IS A SELL OFF DEED FOR PARCEL NO. 2011-36

5. Deed Type: WARRANTY DEED
   Deed Date: 11/19/2010
   Recorded: 11/23/2010
   Grantor: JRCC, LLC
   Grantee: COMMUNITY CARE, INC.
   Instrument: 2010-3213
   Notes: NA

6. Deed Type: WARRANTY DEED
   Deed Date: 10/30/2009
   Recorded: 11/05/2009
   Grantor: JRCC, LLC
   Grantee: JONES COUNTY, IOWA
   Instrument: 2009-3742
   Notes: THIS IS A SELL OFF DEED FOR PARCEL 2009-15

7. Deed Type: QUIT CLAIM DEED
   Deed Date: 04/23/2008
   Recorded: 04/25/2008
   Grantor: STL HEALTH RESOURCES CO.
   Grantee: JRCC, LLC
   Instrument: 2008-1220
   Notes: NA

8. Deed Type: WARRANTY DEED
   Deed Date: 04/25/2008
   Recorded: 04/25/2008
   Grantor: ANAMOSA COMMUNITY HOSPITAL, INC.
   Grantee: JRCC, LLC
   Instrument: 2008-1219
   Notes: NA

9. Deed Type: QUIT CLAIM DEED
   Deed Date: 03/09/1995
   Recorded: 05/10/1995
   Grantor: JOHN L. BAILEY, M.D. AND ROSEMARY BAILEY
   Grantee: STL HEALTH RESOURCES COMPANY
   Instrument: BOOK 378 / PAGE 154
   Notes: THIS QCD IS ISSUED DUE TO CLEAR UP TITLE FROM A LEASE ON THE PROPERTY.

10. Deed Type: WARRANTY DEED
    Deed Date: 05/24/1973
    Recorded: 06/21/1973
    Grantor: SISTERS OF MERCY, CEDAR RAPIDS, IOWA
    Grantee: ANAMOSA COMMUNITY HOSPITAL, INC.
    Instrument: BOOK BB / PAGE 163
    Notes: NA

11. Deed Type: WARRANTY DEED
    Deed Date: 10/21/1964
    Recorded: 10/27/1964
    Grantor: SISTERS OF MERCY, CEDAR RAPIDS, IOWA
    Grantee: ANAMOSA COMMUNITY HOSPITAL, INC.
    Instrument: BOOK AU / PAGE 585
    Notes: SEARCHED BACK TO 1963, COUNTY RECORDS SHOW GRANTOR OWNED BACK TO 1930 IN DOC#91/525.

CHAIN OF TITLE REPORT

Order No: *23112800231-COT1*

LEASES

1.	Lessor:	ANAMOSA COMMUNITY HOSPITAL, A NON-PROFIT CORPORATION
	Lessee:	STL HEALTH RESOURCES CO.
	Lease Date:	03/17/1988
	Recored Date:	04/20/1988
	Instrument #:	BOOK 258 / PAGE 258
	Lease Type:	AMENDMENT TO LEASE
	Comments:	SEE DEED 2008-1219 & 2008-1220

2.	Lessor:	ANAMOSA COMMUNITY HOSPITAL, A NONPROFIT CORPORATION
	Lessee:	STL HEALTH RESOURCES CO.
	Lease Date:	02/03/1988
	Recored Date:	02/10/1988
	Instrument #:	BOOK 256 / PAGE 176
	Lease Type:	LEASE
	Comments:	

MISCELLANEOUS

1.	1st Party:	LIVJOYFULL LLC
	2nd Party:	INTERSTATE POWER AND LIGHT COMPANY, AN IOWA CORPORATION
	Dated:	05/02/2019
	Recorded Date:	05/06/2019
	Instrument #:	2019-1254
	Instrument Type:	EASMENT
	Comments:	

2. 1st Party: COMMUNITY CARE, INC.
   2nd Party: JONES COUNTY, IOWA
   Dated: 08/15/2011
   Recorded Date: 08/30/2011
   Instrument #: 2011-2164
   Instrument Type: EASEMENT
   Comments:

3. 1st Party: NA
   2nd Party: NA
   Dated: 05/12/2011
   Recorded Date: 08/30/2011
   Instrument #: 2011-2163
   Instrument Type: SURVEY
   Comments: SURVEY OF POS 2011-36

4. 1st Party: NA
   2nd Party: NA
   Dated: 01/15/2009
   Recorded Date: 01/16/2009
   Instrument #: 2009-0143
   Instrument Type: SURVEY
   Comments: SURVEY OF POS 2009-15

CHAIN OF TITLE REPORT

Order No: *23112800231-COT1*

Thank You for Your Business
Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

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DEED EXHIBIT

Instrument #: 2018-2916
10/23/2018 11:16:35 AM Total Pages: 2
DQC QUIT CLAIM DEED
Recording Fee: $17.00 Transfer Tax: $0.00
Sheri L. Jones, Recorder, Jones County Iowa

Prepared by and Return to:
Atty. Jay A. Willems, 301 E. Main St., PO Box 228, Anamosa, IA 52205-0228; Telephone (319)462-3577
Taxpayer Information: LIVJOYFULL L.L.C., 12791 Stone City Rd, Anamosa, IA 52205
Grantor: Weber Stone Company
Grantee: LIVJOYFULL L.L.C.
Legal Description: Pgs. 1-2

QUIT CLAIM DEED

For the consideration of One Dollar and other valuable consideration, Weber Stone Company, an Iowa corporation, does hereby Quit Claim to LIVJOYFULL L.L.C., an Iowa limited liability company, all its right, title, interest, estate, claim and demand in the following described real estate in Jones County, Iowa:

Commencing at the Northwest corner of the NE1/4 NE1/4 SE1/4 of Section 3, Township 84, North, Range 4 West of the 5th P.M.; and running thence South along High Street in the City of Anamosa, to a point 88 feet due North of the Northwest corner of a one acre tract of land in the Southwest corner thereof described in the Deed recorded in Book 34 of Deeds, on Page 558 known as the Church Lot; thence East parallel with the North line of said Church Lot, 170 feet; thence South 88 feet to the North line of said Church Lot; thence East to the Northeast corner of said Church Lot; thence South to Broadway Street at the Southeast corner of said Church Lot; thence East on the North line of Broadway Street to the Southwest corner of a lot formerly owned by A. G. Pangburn and described in Deed recorded in Book 51 of Deeds, on Page 458; thence North to the North line of said Quarter Section; thence West on said Quarter Section line to the place of beginning;

EXCEPTING THEREFROM Parcel 2009-15 in the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., as shown in the Plat of Survey recorded in Plat Book T, Page 29 (and as Document No. 2009 0143) of the Jones County, Iowa records, containing 0.90 acre, all in the City of Anamosa, Jones County, Iowa;

AND FURTHER EXCEPTING Parcel 2011-36 in the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., in the City of Anamosa, Jones County, Iowa, as shown in the Plat of Survey recorded in Plat Book T, Page 232 (and as Doc. No. 2011 2163) of the Jones County, Iowa records;

SUBJECT to an easement for ingress and egress in favor of Jones County, Iowa as set forth in the cross easement agreement dated November 5, 2009 between JRCC, L.L.C. and Jones County, Iowa, which easement agreement was recorded with the Office of the Jones County Recorder on November 5, 2009 as Instrument No. 2009 3743;

AND FURTHER SUBJECT to an easement for ingress and egress in favor of Jones County, Iowa arising by virtue of the Plat of Survey of Parcel No. 2011-36 being part of the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., City of Anamosa, Jones County, Iowa, which plat of survey was recorded with the Office of the Jones County Recorder as Instrument No. 2011 2163 on August 30, 2011;

TOGETHER WITH the easements for ingress and egress originally running in favor of JRCC, L.L.C. and Community Care, Inc. under the cross easement agreement and plat of survey referenced immediately above.

No Iowa Documentary Revenue Stamps, Declaration of Value or Groundwater Hazard Statement required, as this is a deed for title correction purposes only and there is no consideration passing from grantee to grantor. See Iowa Code Sections 428A.2 (DOV) and 455B.172(11)(a) (GHS).

Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

Dated: 10/23, 2018

WEBER STONE COMPANY

Michael Deutmeyer, President

Patrick W. Deutmeyer, Secretary

STATE OF IOWA, COUNTY OF JONES: ss.

This record was acknowledged before me on this 23 day of October, 2018, by Michael Deutmeyer, President, and Patrick W. Deutmeyer, Secretary, of Weber Stone Company, an Iowa corporation.

Signature of Notary Public

NOTARIAL SEAL IOWA
SHERRI LYNN WAGEMAN
Commission Number 779095
My Commission Expires
June 26, 2019

LEASE EXHIBIT

256/176

AMENDMENT TO LEASE AGREEMENT

THIS AMENDMENT TO LEASE AGREEMENT is made and entered into this 17 day of March, 1988 by and between Anamosa Community Hospital, a non-profit corporation having its principal place of business in Anamosa, Jones County, Iowa 52349 ("Landlord") and STL Health Resources Co., 1026 A Avenue NE, Cedar Rapids, Iowa 52402 ("Tenant").

RECITALS

A. Landlord and Tenant entered into a Lease Agreement dated February 3, 1988 for certain property located in Jones County, Iowa.

B. Subsequent to the execution of the Lease, a site plan was prepared which reflected that the proper dimensions of the ground space lease was more than originally recited in the Lease Agreement itself.

C. The parties desire to amend the Lease Agreement to correct the legal description to accurately reflect the premises which is being leased to Tenant.

The parties therefore agree:

1. Exhibit A to the Lease shall be amended to read as follows:

> The South 134 feet of the East 125 feet of a parcel of real estate described as:
>
> Commencing at the Northwest corner of the NE 1/4 NE 1/4 SE 1/4 of Section 3, Township 84, North, Range 4, West of the 5th P.M.; and running thence South along High Street in the City of Anamosa, Iowa, to a point 88 feet due North of the Northwest corner of a one acre tract of land in the Southwest corner thereof described in the Deed recorded in Book 34 of Deeds, on page 558, known as Church Lot; thence

Book 258 Page 258

FILE No. 2082	FILED FOR RECORD THE 20 DAY OF	STATE OF IOWA, JONES COUNTY:	
RECORDING FEE $ 15.00	April 19 88 AT 10:25	Doris Jeanne Herren	Recorder
TRANSFER FEE $	O'CLOCK A. M. BOOK 258 PAGE 258		Deputy

Deed to JECC, LLC
2008 1219 + 2008 1220

East parallel with the North line of said Church Lot, 170 feet; thence South 88 feet to the North line of said Church Lot; thence East to the Northeast corner of said Church Lot; thence South to Broadway Street at the Southeast corner of said Church Lot; thence East on the North line of Broadway Street to the southwest corner of a lot formerly owned by A.G. Pangburn and described in deed recorded in Book 51, of Deeds, on page 458; thence North to the North line of said Quarter Section; thence West on said Quarter Section line to the place of beginning. SUBJECT, however, to conditions, restrictions, easements and zoning ordinances of record.

2. All other terms and conditions of the Lease as originally entered into except as amended herein remain in full force and effect.

ANAMOSA COMMUNITY HOSPITAL

By: _____

STL HEALTH RESOURCES CO.

By: _____

STATE OF IOWA)
) ss:
COUNTY OF Jones)

On this 17 day of MARCH, 1988, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared David M. Remley, to me personally known, who, being by me duly sworn, did say that he is the President of the corporation executing the foregoing instrument; that no seal has been procured by the corporation; that the instrument was signed on behalf of the corporation by authority of its Board of Directors; that David M. Remley acknowledged the execution of the instrument to be the voluntary act and deed of said corporation, by it and by him voluntarily executed.

Iowa NOTARIAL SEAL

_____
NOTARY PUBLIC IN AND FOR THE STATE OF IOWA

STATE OF IOWA)
) ss:
COUNTY OF LINN)

On this 25 day of March, 1988, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Sara B. Miller to me personally known, who being by the duly sworn, did say that she is the Senior Vice President of said corporation executing the within and foregoing instrument to which this is attached, that no seal has been procured by the said corporation; that said instrument was signed on behalf of said corporation by authority of its Board of Directors; and that the said Sara B. Miller as such officer acknowledged the execution of said instrument to be the voluntary act and deed of said corporation, by it and by her voluntarily executed.

Carroll J. Reasoner
NOTARY PUBLIC IN AND FOR THE
STATE OF IOWA

CARROLL J. REASONER
MY COMMISSION EXPIRES
September 23, 1988

Deed to JECC LLC 2008 1219 & 2008 1220

See amendment & correct legal description, Book 258, page 458

LEASE

THIS LEASE AGREEMENT is made and entered into this 3 day of February, 1988, by and between Anamosa Community Hospital, a nonprofit corporation having its principal place of business in Anamosa, Jones County, Iowa 52349 ("Landlord") and STL Health Resources Co., 1026 A Avenue N.E., Cedar Rapids, Iowa 52402 ("Tenant").

1. PREMISES AND TERM. The Landlord, in consideration of the rents to be paid and of the agreements and conditions set forth in this lease, leases to the Tenant and Tenant rents and leases from Landlord, according to the terms and provisions herein, the real estate, situated in Jones County, Iowa, as described on Exhibit A attached hereto with all improvements on the Premises and all rights, easements and appurtenance belonging to the Premises including the right to use a portion of the present hospital parking lot located North of the Premises for parking purposes for Lessee, its staff, employees, tenants and patients. No vehicles shall be permitted to be parked on the parking lot overnight. Landlord reserves the right to provide substitute parking facilities in the event future hospital development requires exclusive utilization of the present parking lot for hospital operation or development. Landlord shall provide paved or asphalt-surfaced access to the leased premises in the same manner and way access is available at the beginning of the lease. Landlord reserves the unrestricted right to change the access without Tenant's consent provided the new access is hard surfaced, is readily transversed by all automobiles and enters from North High Street, North Garnavillo Street or Broadway Street. The additional access and paving of such access shall be at Landlord's expense. The term of the lease shall commence on January 1, 1988 and shall end on December 31, 1997.

2. RENTAL. Tenant agrees to pay Landlord as rental for said term an annual rental of $100 per year payable on June 1 of each year commencing with June 1, 1988.

3. POSSESSION. Tenant is currently in possession and shall yield possession to the Landlord at the time and date of the close of this lease term, except as herein otherwise expressly provided.

4. USE OF PREMISES. Tenant covenants and agrees during the terms of this lease to use and to occupy the leased premises only for a medical, dental or allied health field clinic.

5. QUIET ENJOYMENT. Landlord covenants that it owns the Premises and that the Tenant on paying rent and performing all the agreements to be performed by it as provided in this lease, shall and may peaceably have, hold and enjoy the Premises for the term of this lease free from molestation, eviction or disturbance by the Landlord or any other persons or legal entity whatsoever. Landlord, shall have the right to mortgage all of its right, title, interest in said premises at any time without notice, subject to this lease.

1589

FILED
RECORDER'S OFFICE
JONES COUNTY, IOWA

88 FEB 10 AM 10: 06

BOOK 256 PAGE 176
DORIS JEANNE HERRETT
RECORDER

$4.50 Book 256 Page 176

Assigned Union Bank & Trust Co
See Book 256 Page 253

6. CARE AND MAINTENANCE OF PREMISES. (a) Tenant takes said Premises in their present condition.

(c) Tenant shall at its own expense, care for and maintain the Premises in a reasonably safe and serviceable condition, including the structural parts of the building and all heating ventilating and air conditioning equipment. Tenant will furnish its own interior and exterior decorating. Tenant will not permit or allow the Premises to be damaged or depreciated in value by any act or negligence of the Tenant, its agents or employees. Without limiting the generality of the foregoing, Tenant will make necessary repairs to the sewer, the plumbing, the water pipes and electrical wiring, and Tenant agrees to keep faucets closed so as to prevent waste of water and flooding of premises: to promptly take care of any leakage or stoppage in any of the water, gas or waste pipes. The Tenant agrees to maintain adequate heat to prevent freezing of pipes. Tenant at its own expense may install floor covering and will maintain such floor covering in good condition. Tenant will be responsible for the plate glass in the windows of the leased premises. Tenant shall make no structural alterations or improvements without the written approval of the Landlord first had and obtained, of the plans and specifications therefor.

(d) Tenant will make no unlawful use of said premises and agrees to comply with all valid regulations of the Board of Health, City Ordinances or applicable municipality, the laws of the State of Iowa and the Federal government, but this provision shall not be construed as creating any duty by Tenant to members of the general public. Tenant will not allow trash of any kind to accumulate on said premises in the halls, if any, or the alley or yard in front, side or rear thereof, and it will remove same from the premises at its own expense. Tenant also agrees to remove snow and ice and other obstacles from the sidewalk on or abutting the premises.

7. UTILITIES AND SERVICES. (a) Tenant, during the term of this lease, shall pay, before delinquency, all charges for use of telephone, water, sewer, gas, heat, electricity, power, air conditioning, garbage disposal, trash disposal and not limited by the foregoing all other utilities and services of whatever kind and nature which may be used in or upon the Premises.

(b) Air Conditioning and heating equipment shall be furnished at the expense of Tenant and maintenance thereof at the expense of Tenant.

(c) Janitor Service shall be furnished at the expense of Tenant.

8. SURRENDER OF PREMISES AT END OF TERM--REMOVAL OF FIXTURES. (a) Tenant agrees that upon the termination of this lease, it will surrender, yield up and deliver the Premises in good and clean condition, except the effects of ordinary wear and tear and depreciation arising from lapse of time, or damage without fault or liability of Tenant.

(b) Tenant may, at the expiration of the this lease, if Tenant is not in default remove any fixtures or equipment which said Tenant has installed in the leased premises, providing said Tenant repairs any and all damages caused by removal.

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9. ASSIGNMENT AND MORTGAGES SUBLETTING. The premises or any part thereof may not be assigned or sublet without the Landlord's written permission which shall not be unreasonably withheld. Tenant shall have the right during the term of the lease to mortgage or assign for security purposes its interest in the premises as security for obligations of Lessee. No mortgage or secured party, nor anyone who claims by, through, or under such mortgage or assignment shall, by virtue of such mortgage or assignment acquire any greater interest or more extended rights than Tenant has under this lease. In the event the leasehold estate is mortgaged or assigned for security purposes, if Landlord shall be notified in writing of such conveyance and the name and address of the mortgagee or secured party, Landlord shall give notice of default in the performance of the covenants contained in this lease, of the same kind, and in the same manner and for the same length of time as is required to be given to Tenant to the mortgagee or secured party.

10. TAXES. (a) All real estate taxes, assessed against the building located on the Premises shall be timely paid by the Tenant. (b) Tenant agrees to timely pay all taxes, assessments or other public charges levied or assessed by lawful authority (but reasonably preserving Tenant's rights of appeal) against its personal property on the Premises, during the term of this lease. (c) Special assessments shall be timely paid by the Landlord. (d) Landlord shall timely pay all real estate taxes assessed against the land only.

11. INSURANCE. (a) Landlord and Tenant will each keep its respective property interests in the Premises and its liability in regard thereto, and the personal property on the premises, reasonably insured against hazards and casualties and Tenant will procure and deliver to the Landlord a certification from the respective insurance companies to that effect. Such insurance shall be made payable to the parties hereto as their interests may appear, except that the Tenant's share of such insurance proceeds are hereby assigned and made payable to the Landlord to secure rent or other obligations then due and owing Landlord by Tenant.

(b) Tenant will not do or omit the doing of any act which would vitiate any insurance, or increase the insurance rates in force upon the The premises or upon any personal property of the Tenant upon which the Landlord by law or by the terms of this lease, has or shall have a lien.

(c) Subrogation rights are not waived.

(d) Tenant further agrees to comply with recommendations of Iowa Insurance Service Bureau and to be liable for and to promptly pay, as if current rental, any increase in insurance rates on said premises are a part, due to increased risks or hazards resulting from Tenant's use of the premises otherwise than as herein contemplated and agreed.

(e) ~~Landlord~~ TENANT shall settle and adjust any claim against any insurance company under its policies of insurance for the Premises, and the insurance monies shall be paid to and held by the ~~Landlord~~ TENANT to be used in payment for the cost of repairs or restoration of damaged building, if the destruction is only partial.

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12. INDEMNITY AND LIABILITY INSURANCE. Except as to any negligence of the Landlord, Tenant will protect, indemnify and save harmless the Landlord from and against any and all loss, costs, damage and expenses occasioned by, or arising out of, any accident or other occurrence causing or inflicting injury and/or damage to any person or property, happening or done, in, upon or about the leased premises, or due directly or indirectly to the tenancy, use or occupancy thereof, or any part thereof by the Tenant or any person claiming through or under the Tenant. The Tenant further covenants and agrees that it will at its own expense procure and maintain casualty and liability insurance in a responsible company or companies authorized to do business in the State of Iowa, in amounts not less than $300,000 for any one person injured, and $500,000 for any one accident, and with the limits of $25,000 for property damage, protecting the Landlord against such claim, damages, costs or expenses on account of injury to any person or persons, or to any property belonging to any person or persons, by reason of such casualty, accident or other happening on or about the demised premises during the term thereof. Certificates or copies of said policies, naming the Landlord, and providing for fifteen (15) days' notice to the Landlord before cancellation shall be delivered to the Landlord within twenty (20) days from the date of the beginning of the term of this lease.

13. FIRE AND CASUALTY. PARTIAL DESTRUCTION OF PREMISES. (a) In the event of a partial destruction or damage of the leased premises, which is a business interference, that is, which prevents the conducting of a normal business operation and which damage is reasonably repairable within sixty (60) days after its occurrence, this lease shall not terminate but the rent for the leased premises shall abate during the time of such business interference. In the event of partial destruction, Tenant, at its option, may repair such damages within 60 days of its occurrence unless prevented from so doing by acts of God, the elements, the public enemy strikes, riots, insurrection, government regulations, city ordinances, labor, material or transportation shortages, or other causes beyond Tenant's reasonable control.

(b) Should the zoning ordinance of the city or municipality in which this property is located make it impossible for Tenant, using diligent and timely effort to obtain necessary permits and to repair and/or rebuild so that Tenant is not able to conduct its business on these premises, then such partial destruction shall be treated as a total destruction as in the next paragraph provided.

(c) In the event of a destruction or damage of the leased premises including the parking area (if a parking area is a part of the subject matter in this lease) so that Tenant is not able to conduct its business on the premises or the then current legal use for which the premises are being used and which damages cannot be repaired within sixty (60) days this lease may be terminated at the option of either the Landlord or Tenant. Such termination in such event shall be effected by written notice of one party to the other, within twenty (20) days after such destruction. Tenant shall surrender possession within ten (10) days after such notice issues, and each party shall be released from all future obligations hereunder, Tenant paying rental pro rata only to the date of such destruction. In the event of such termination of this lease, Landlord at its option, may rebuild or not, according to its own wishes and needs.

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14. CONDEMNATION. (a) Should the whole or any part of the Premises be condemned or taken by a competent authority for any public or quasi-public use or purpose, each party shall be entitled to retain, as its own property, any award payable to it. Or in the event that a single entire award is made on account of the condemnation, each party will then be entitled to take such proportion of said award as may be fair and reasonable.

(b) If the whole of the Premises shall be so condemned or taken, the Landlord shall not be liable to the Tenant except and as its rights are preserved as in paragraph 14(a) above.

15. TERMINATION OF LEASE AND DEFAULTS OF TENANT. (a) This lease shall terminate upon expiration of the term. Upon default in payment of rental herein or upon any other default by Tenant in accordance with the terms and provisions of this lease, this lease may at the option of the Landlord be cancelled and forfeited, PROVIDED, HOWEVER, before any such cancellation and forfeiture except as Provided in 15(b) below, Landlord shall give Tenant a written notice specifying the default, or defaults, and stating that this lease will be cancelled and forfeited ten (10) days after the giving of such notice, unless such default, or defaults, are remedied within such grace period.

(b) In the event Tenant is adjudicated a bankrupt or in the event of a judicial sale or other transfer of Tenant's leasehold interest by reason by any bankruptcy, judicial sale or transfer has not been vacated or set aside within ten (10) days from the giving of notice thereof by Landlord to Tenant, then and in any such events, Landlord may, at its option, immediately terminate this lease, reenter said premises, upon giving of ten (10) days written notice by Landlord to Tenant, all to the extent permitted by applicable law.

(c) In (a) and (b) above, waiver as to any default shall not constitute a waiver of any subsequent default or defaults.

(d) Acceptance of keys, advertising and re-renting by the Landlord upon the Tenant's default shall be construed only as an effort to mitigate damages by the Landlord, and not as an agreement to terminate this lease.

16. RIGHT OF EITHER PARTY TO MAKE GOOD ANY DEFAULT OF THE OTHER. If default shall be made by either party in the performance of, or compliance with, any of the terms, covenants or conditions of this lease, and such default shall have continued for thirty (30) days after written notice thereof from one party to the other, the person aggrieved, in addition to all other remedies now or hereafter provided by law, may, but need not, perform such term, covenant or condition, or make good such default and any amount advanced shall be repaid forthwith on demand, together with interest at the rate of 9% per annum, from date of advance.

17. SIGNS. (a) Tenant shall have the right and privilege of attaching, affixing, painting or exhibiting signs on the leased Premises, provided only (1) that any and all signs shall comply with the ordinances of the city or municipality in which the property is located and the laws of the State of Iowa: (2) such signs shall

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not change the structure of the building; (3) such signs if and when taken down shall not damage the building; and (4) such signs shall be subject to the written approval of the Landlord, which approval shall not be unreasonably withheld.

(b) Landlord during the last ninety (90) days of this lease, or extension, shall have the right to maintain in the windows or on the building or on the premises either or both a "For Rent" or "For Sale" sign and Tenant will permit, at such time, prospective tenants or buyers to enter and examine the premises.

18. MECHANIC'S LIENS. Neither the Tenant nor anyone claiming by, through, or under the Tenant, shall have the right to file or place any mechanic's lien or other lien of any kind or character whatsoever, upon said premises or upon any building or improvement thereon, or upon the leasehold interest of the Tenant therein, and notice is hereby given that no contractor, sub-contractor, or anyone else who may furnish any material, service or labor for any building, improvements, alteration, repairs or any part thereof, shall at any time be or become entitled to any lien thereon, and for the further security of the Landlord, the Tenant covenants and agrees to give actual notice thereof in advance, to any and all contractors and sub-contractors who may furnish or agree to furnish any such material, service or labor.

19. LANDLORD'S LIEN AND SECURITY INTEREST. (a) Said Landlord shall have, in addition to the lien given by law, a security interest as provided by the Uniform Commercial Code of Iowa, upon all personal property and all substitutions therefor, kept and used on said premises by Tenant. Landlord may proceed at law or in equity with any remedy provided by law or by this lease for the recovery of rent, or for termination of this lease because of Tenant's default in its performance.

20. SUBSTITUTING OF EQUIPMENT, MERCHANDISE, ETC. (a) The Tenant shall have the right, from time to time, during the term of this lease, or renewal thereof, to sell or otherwise dispose of any personal property of the Tenant situated on the said Premises, when in the judgment of the Tenant it shall have become obsolete, outworn or unnecessary in connection with the operation of the business on said premises; provided, however that the Tenant shall in such instance (unless no substituted article or item is necessary) at its own expense, substitute for such items of personal property so sold or otherwise disposed of, a new or other item in substitution thereof, in like or greater value and adapted to the affixed operation of the business upon the demised premises.

(b) Nothing herein contained shall be construed as denying to Tenant the right to dispose of inventoried merchandise in the ordinary course of the Tenant's trade or business.

21. RIGHTS CUMULATIVE. The various rights, powers, options, elections and remedies of either party, provided in this lease, shall be construed as cumulative and no one of them as exclusive of the others, or exclusive of any rights, remedies or priorities allowed either party by law, and shall in no way affect or impair the right of either party to pursue any other equitable or legal remedy to which either party may be entitled as long as any default remains in any way unremedied, unsatisfied or undischarged.

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22. NOTICES AND DEMANDS. Notices as provided for in this lease shall be given to the respective parties hereto at the respective addresses designated on the page one of this lease unless either party notifies the other, in writing, of a different address. Without prejudice to any other method of notifying a party in writing or making a demand or other communication, such message shall be considered given under the terms of this lease when sent, addressed as above designated, postage prepaid, by registered or certified mail, return receipt requested, by the United State mail and so deposited in a United States mail box.

23. PROVISIONS TO BIND AND BENEFIT SUCCESSORS, ASSIGNS, ETC. Each and every covenant and agreement herein contained shall extend to and be binding upon the respective successors, heirs, administrators executors and assigns of the parties hereto; except that if any part of this lease is held in joint tenancy, the successor in interest shall be the surviving joint tenant.

24. CHANGES TO BE IN WRITING. None of the covenants, provisions, terms or conditions of this lease to be kept or performed by Landlord or Tenant shall be in any manner modified, waived or abandoned, except by a written instrument duly signed by the parties and delivered to the Landlord and Tenant. This lease contains the whole agreement of the parties.

25. CONSTRUCTION. Words and phrases herein, including acknowledgment hereof shall be construed as in the singular or plural number, and as masculine, feminine or neuter gender according to the context.

IN WITNESS WHEREOF, the parties hereto have duly executed in this lease in duplicate the day and year first above written.

ANAMOSA COMMUNITY HOSPITAL, INC.

By: _____

LANDLORD

STL HEALTH RESOURCES CO.

By: _____
Sara B. Miller, Senior Vice President

TENANT

STATE OF IOWA)
) SS:
COUNTY OF LINN)

On this 3 day of February, 1988, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared David M. Remley, to me personally known, who, being by me duly sworn, did say that he is the President, of the corporation executing the foregoing instrument; that (no seal has been procured by) (~~the seal affixed thereto is the seal of~~) the corporation; that the instrument was signed (and sealed) on behalf of the corporation by authority of its Board of Directors; that David M. Remley acknowledged the execution of the instrument to be the voluntary act and deed of the corporation and of the fiduciary, by it, by him and as the fiduciary voluntarily executed.

Cynthia J. Lesk
Notary Public in and for the State of Iowa

STATE OF IOWA)
) SS:
COUNTY OF LINN)

On this 5 day of February, 1988, before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared Sara B. Miller to me personally known, who being by the duly sworn, did say that she is the Senior Vice President, of said corporation executing the within and foregoing instrument to which this is attached, that no seal has been procured by the said corporation; that said instrument was signed on behalf of said corporation by authority of its Board of Directors; and that the said Sara B. Miller as such officer acknowledged the execution of said instrument to be the voluntary act and deed of said corporation, by it and by her voluntarily executed.

Sandra K. Grant
Notary Public in and for the State of Iowa

EXHIBIT A

The South 134 Feet of the East 112 Feet of a parcel of real estate described as:

Commencing at the Northwest corner of the NE¼ NE¼ SE¼ of Section 3, Township 84, North, Range 4, West of the 5th P.M.; and running thence South along High Street in the City of Anamosa, Iowa, to a point 88 feet due North of the Northwest corner of a one acre tract of land in the Southwest corner thereof described in the Deed recorded in Book 34 of Deeds, on page 558, known as Church Lot; thence East parallel with the North line of said Church Lot, 170 feet; thence South 88 feet to the North line of said Church Lot; thence East to the Northeast corner of said Church Lot; thence South to Broadway Street at the Southeast corner of said Church Lot; thence East on the North line of Broadway Street to the Southwest corner of a lot formerly owned by A. G. Pangburn and described in deed recorded in Book 51, of Deeds, on page 458; thence North to the North line of said Quarter Section; thence West on said Quarter Section line to the place of beginning. SUBJECT, however, to conditions, restrictions, easements and zoning ordinances of record.

MISCELLANEOUS EXHIBIT

Number: 2019-1254
Recorded: 5/6/2019 at 3:58:22.0 PM
County Recording Fee: $17.00
Iowa E-Filing Fee: $3.00
Combined Fee: $20.00
Revenue Tax:
Sheri L. Jones RECORDER
Jones County, Iowa

Prepared by: Lissa Koop - Interstate Power and Light Company – PO Box 351 – Cedar Rapids, IA 52406 (319) 786-4514
Return to: Cameron Touro – JCG Land Services, Inc. – 1921 51st St. NE, Suite 3 – Cedar Rapids, IA 52402 (319) 362-3507
SPACE ABOVE THIS LINE FOR RECORDER

UNDERGROUND ELECTRIC LINE EASEMENT

For and in consideration of the sum of One Dollar ($1.00) and other valuable consideration, the receipt of which is hereby acknowledged, **LIVJOYFULL L.L.C.** ("Grantor(s)"), ADDRESS: 104 Broadway Pl Anamosa, IA 52205 do(es) hereby warrant and convey unto **Interstate Power and Light Company, an Iowa Corporation**, its successor and assigns, ("Grantee") a perpetual easement with the right, privilege and authority to construct, reconstruct, maintain, expand, operate, repair, patrol and remove an underground electric and telecommunications line or lines, consisting of wires, transformers, switches and other necessary fixtures, appurtenances and equipment, (including associated surface mounted equipment) and construction (collectively, the "*Line*" or "*Lines*") for transmitting electricity, communications and all corporate purposes of Grantee together with the power to extend to any other party the right to use, jointly with the Grantee, pursuant to the provisions hereof, upon, under, and across the following described lands located in the County of Jones, and the State of Iowa:

See attached Exhibit "A", page 3

together with all the rights and privileges for the full enjoyment or use thereof for the aforesaid purpose.

Grantor(s) agrees that it will not construct or place any buildings, structures, plants, or other obstructions on the property described above.

Grantor(s) also conveys the right and privilege to trim, cut down or control the growth of any trees or other vegetation on said described land and such other trees and vegetation adjacent thereto as in the judgment of the Grantee may interfere with construction, reconstruction, maintenance, expansion, operation, repair, use of the Line or Lines.

Grantee, its contractor or agent, may enter said premises for the purpose of making surveys and preliminary estimates immediately upon the execution of this easement.

The Grantor(s) also grants to the Grantee the right of ingress and egress to the Line or Lines, under lands now owned by the Grantor(s), for the purpose of constructing, reconstructing, maintaining, expanding, operating, patrolling, repairing and removing the Line or Lines, and the Grantee agrees to pay to the Grantor(s) or its tenants all damages done to the lands (except the cutting and trimming of trees or other vegetation), fences, livestock or crops of the Grantor(s) or its tenants, by the Grantee or its employees while constructing, reconstructing, maintaining, expanding, operating, patrolling, repairing or removing the Line or Lines.

Signed this 2 day of MAY, 2019.

GRANTOR(S): Livioyfull L.L.C.

By: _____

By: _____

ALL PURPOSE ACKNOWLEDGMENT

STATE OF Iowa)

COUNTY OF Jones) ss:

On this 2nd day of May, AD. 2019, before me, the undersigned, a Notary Public in and for said State, personally appeared

Michael J. Deutmeyer

_____

_____

X to me personally known

or _____ provided to me on the basis of satisfactory evidence

to be the persons(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

NOTARY SEAL Diane M McGovern
(Sign in Ink)

Diane M. McGovern
(Print/type name)

Notary Public in and for the State of Iowa

DIANE M MCGOVERN
Commission Number 163148
My Commission Expires
12-9-21

CAPACITY CLAIMED BY SIGNER

_____ INDIVIDUAL
X CORPORATE
Title(s) of Corporate Officers(s):

_____

_____

_____ N/A
_____ Corporate Seal is affixed
_____ No Corporate Seal procured

_____ PARTNER(s)
_____ Limited Partnership
_____ General Partnership

_____ ATTORNEY-IN-FACT
_____ EXECUTOR(s),
_____ ADMINISTRATOR(s),
_____ or TRUSTEE(s):
_____ GUARDIAN(s)
_____ or CONSERVATOR(s)
_____ OTHER

_____

_____

SIGNER IS REPRESENTING:
List name(s) of persons(s) or entity(ies):

Livioyfull L.L.C.

_____

Exhibit A

The easterly ten (10) feet of the southerly one hundred ninety two (192) feet of the following described property;

Commencing at the Northwest corner of the NE¼ NE¼ SE¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M.; and running thence South along High Street in the City of Anamosa, to a point 88 feet due North of the Northwest corner of a one acre tract of land in the Southwest corner thereof described in the Deed recorded in Book 34 of Deeds, on Page 558 known as the Church Lot; thence East parallel with the North line of said Church Lot, 170 feet; thence South 88 feet to the North line of said Church Lot; thence East to the Northeast corner of said Church Lot; thence South to Broadway Street at the Southeast corner of said Church Lot; thence East on the North Line of Broadway Street to the Southwest corner of a lot formerly owned by A. G. Pangburn and described in Deed recorded in Book 51 of Deeds, on Page 458; thence North to the North line of said Quarter Section; thence West on said Quarter Section line to the place of beginning;

EXCEPTING THEREFROM Parcel 2009-15 in the NE¼ SE¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M., as shown in the Plat of Survey recorded in Plat Book T, Page 29 (and as Document No. 2009 0143) of the Jones County, Iowa records, containing 0.90 acre, all in the City of Anamosa, Jones County, Iowa;

AND FURTHER EXCEPTING Parcel 2011-36 in the NE¼ SE¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M., in the City of Anamosa, Jones County, Iowa, as shown in the Plat of Survey recorded in Plat Book T, Page 232 (and as Doc. No. 2011 2163) of the Jones County, Iowa records;

Jones County Marie Krutzfield Recorder
Fee Book 2011 2164
08/30/2011 @0941AM # Pages 2
ZEAS EASEMENTS
Total Fees: $0.00

* Jones Co. Engineer

RETURN TO

PREPARER: Emily A. Stork, 500 West Main St., Anamosa, Iowa 52205, Phone: (319) 462-3961

EASEMENT FOR INGRESS-EGRESS

For good and valuable consideration, receipt of which is acknowledged one from the other, Community Care, Inc. (Grantor), being the owner of the real property described below, does hereby grant to Jones County, Iowa, (Grantee) an easement for purposes of providing ingress and egress for sheriff's department vehicles to a storage garage on property owned by Community Care, Inc. located at 104 Broadway, Anamosa, IA 52205.

The easement is situated in Jones County, Iowa, and legally described as follows:

A part of the NE¼ SE¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M., more particularly described as follows:

Commencing as a point of reference at the E¼ corner of said Section 3; thence N89°59'43"W along the north line of the SE¼ of said Section 3, 672.69 feet to the NW corner of said NE¼ NE¼ SE¼, to the west line of said NE¼ NE¼ SE¼ , and to the centerline of High Street if produced Northerly; thence S01°30'11"E along said west line and along said produced centerline, 267.08 feet to the point of beginning; thence N35° 49'21"E, 50.09 feet; thence N89°59'43"E, 59.12 feet; thence S55°30'25"W, 56.09 feet; thence Southwesterly along an arc of 62.36 feet of a 66.71-foot radius curve to the left, having a chord distance of 60.11 feet bearing S28°43'38"W to the present existing north right-of-way line of High Street; thence

N89°59'43"W along said present existing north right-of-way line 12.14 feet to the west line of said NE¼ NE¼ SE¼ and to said produced centerline; thence N01°30'11"W along said west line and along said produced centerline, 43.88 feet to the point of beginning, containing 0.06 acres.

Grantee shall hold Grantor harmless from and reimburse Grantor for all damage to real property of the Grantor which may result from Grantee's use of the easement area, except damage caused by the negligence of the Grantor.

This easement shall be non-assignable.

This easement is nonexclusive to the Grantee.

Dated this 15 day of August, 2011.

COMMUNITY CARE, INC.

BY: _____
William M. Bonnes, President and CEO

STATE OF IOWA)
) ss
COUNTY OF CLINTON)

This instrument was acknowledged before me on 8/15/11, 2011 by William M. Bonnes as President and CEO of Community Care, Inc.

NOTARIAL SEAL IOWA
DIANE M MULLIN
Commission Number 154447
My Commission Expires
12/28/13

_____
Notary Public in and for the State of Iowa

Jones County Marie Krutzfield Recorder
Fee Book 2011 2163
08/30/2011 @0939AM # Pages 7
ZPS PLATS/SURVEYS
Total Fees: $0.00

Book: T Page: 232

PREPARED BY: CLARENCE J. WALTON LS 11310, JONES COUNTY ENGINEER'S OFFICE, 19501 HWY. 64, ANAMOSA, IOWA (319) 462-3785

PLAT OF SURVEY
PARCEL 2011-36

LEGAL DESCRIPTION
PARCEL 2011-36

A part of the NE ¼ SE ¼ of Section 3, Township 84 North, Range 4 West of the 5th Principal Meridian, City of Anamosa, Jones County, Iowa described as follows:

Commencing as a point of reference at the E ¼ corner of said Section 3;
thence N89°59'43"W along the north line of the SE ¼ of said Section 3, 536.94 feet to the point of beginning;
thence S01°30'11"E, 195.21 feet;
thence S55°30'25"W, 55.13 feet;
thence N89°59'43"W, 89.49 feet to the centerline of High Street if produced N-ly and to the west line of the NE ¼ NE ¼ SE ¼ of said Section 3;
thence N01°30'11"W along said centerline and along said west line, 226.45 feet to the NW corner of the NE ¼ NE ¼ SE ¼ and to the north line of the SE ¼ of said Section 3;
thence S89°59'43"E along said north line 135.75 feet to the point of beginning, containing 0.69 acres.

NOTE: ALL MEASUREMENTS IN FEET AND DECIMALS THEREOF.

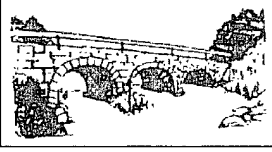
LICENSED LAND SURVEYOR CLARENCE J. WALTON 11310 IOWA

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.

Signed: Clarence J. Walton Date: 8/30/11

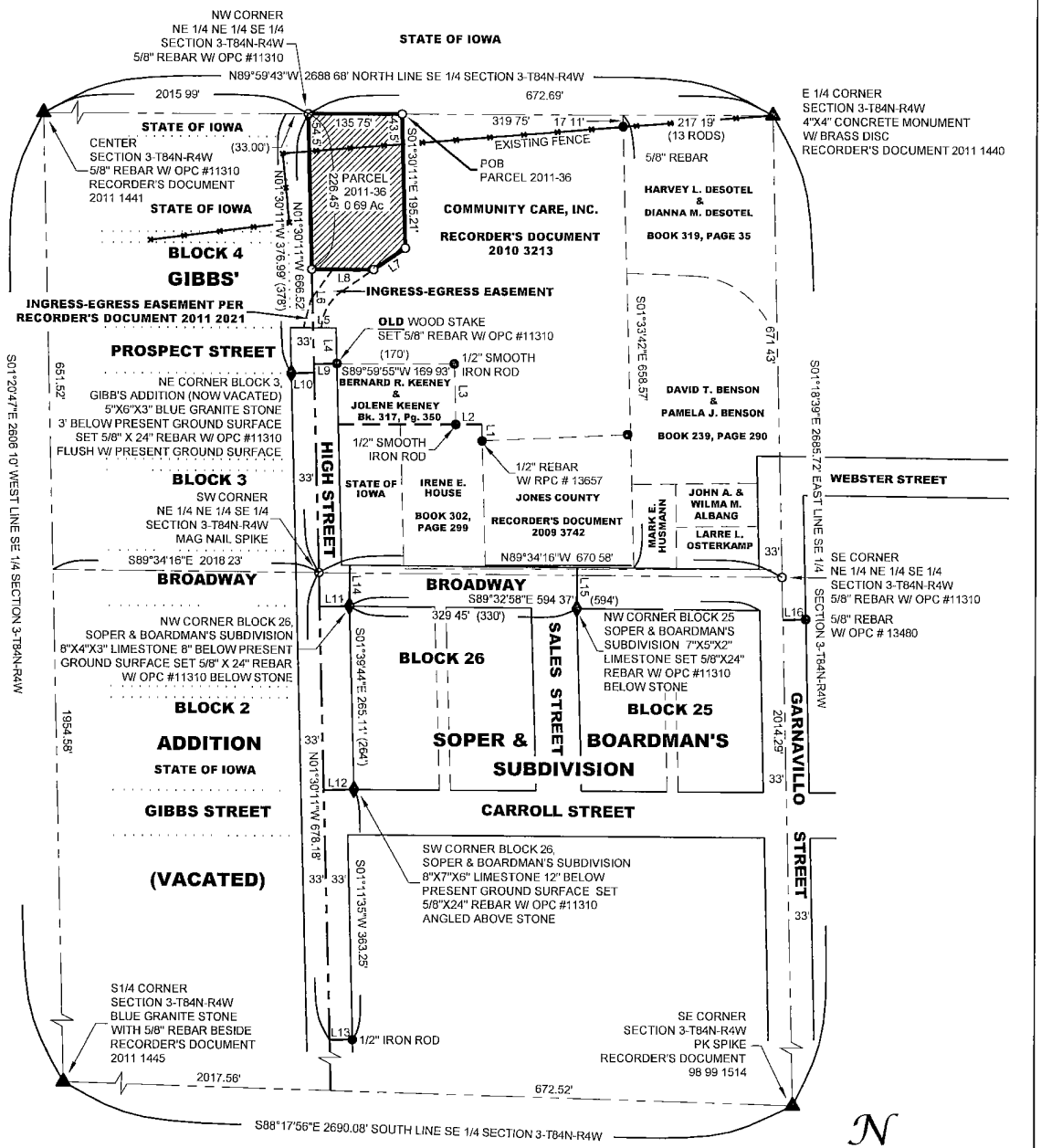
Clarence J. Walton, L.S., No. 11310
My license renewal date is December 31, 2011.
Pages or sheets covered by this seal: Pages 1-6 inclusive

DATE OF SURVEY: MAY-AUGUST 2011

FIELD BOOK NUMBER 333	SHEET TITLE: PLAT OF SURVEY PARCEL 2011-36		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE 1" = 200'				
DATE DRAWN 5/12/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

PREPARED BY: CLARENCE J. WALTON LS 11310, JONES COUNTY ENGINEER'S OFFICE, 19501 HWY. 64, ANAMOSA, IOWA (319) 462-3785

PLAT OF SURVEY
PARCEL 2011-36



LINE TABLE

L1	N01°33'53"W 23.65'
L2	S89°52'37"W 37.47'
L3	N01°33'20"W 87.64' (88')
L4	N01°30'11"W 51.57'
L5	N89°59'43"W 33.01'
L6	N01°30'11"W 84.52'
L7	S55°30'25"W 55.13'
L8	N89°59'43"W 89.49'
L9	S88°29'49"W 33.00'
L10	N88°29'49"E 33.00'
L11	S88°29'49"W 43.02'
L12	S88°29'49"W 43.75'
L13	S88°29'49"W 33.00'
L14	N00°27'02"E 60.00'
L15	N00°27'02"E 60.00'
L16	S88°41'21"W 33.00'

0' 100' 200' 400'

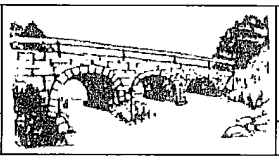
LEGEND

- ▲ FOUND SECTION CORNER
- △ SET SECTION CORNER
- ● FOUND 1/2" REBAR OR AS NOTED
- ○ SET 5/8" REBAR w/ ORANGE CAP #11310
- ♦ FOUND STONE
- ( ) RECORDED AS
- POB POINT OF BEGINNING
- OPC ORANGE PLASTIC CAP
- RPC RED PLASTIC CAP
- YPC YELLOW PLASTIC CAP

PROPRIETOR: COMMUNITY CARE, INC.

SURVEYOR: CLARENCE J. WALTON, LS 11310
JONES COUNTY ENGINEER'S OFFICE
19501 HWY. 64, P.O. BOX 368
ANAMOSA, IOWA 52205
(319) 462-3785

DATE OF SURVEY: MAY-AUGUST 2011

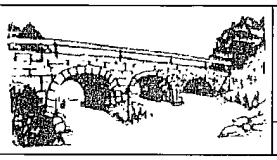
FIELD BOOK NUMBER 333	SHEET TITLE: PLAT OF SURVEY PARCEL 2011-36		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE 1" = 200'				
DATE DRAWN 5/12/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

PREPARED BY: CLARENCE J. WALTON LS 11310, JONES COUNTY ENGINEER'S OFFICE, 19501 HWY. 64, ANAMOSA, IOWA (319) 462-3785

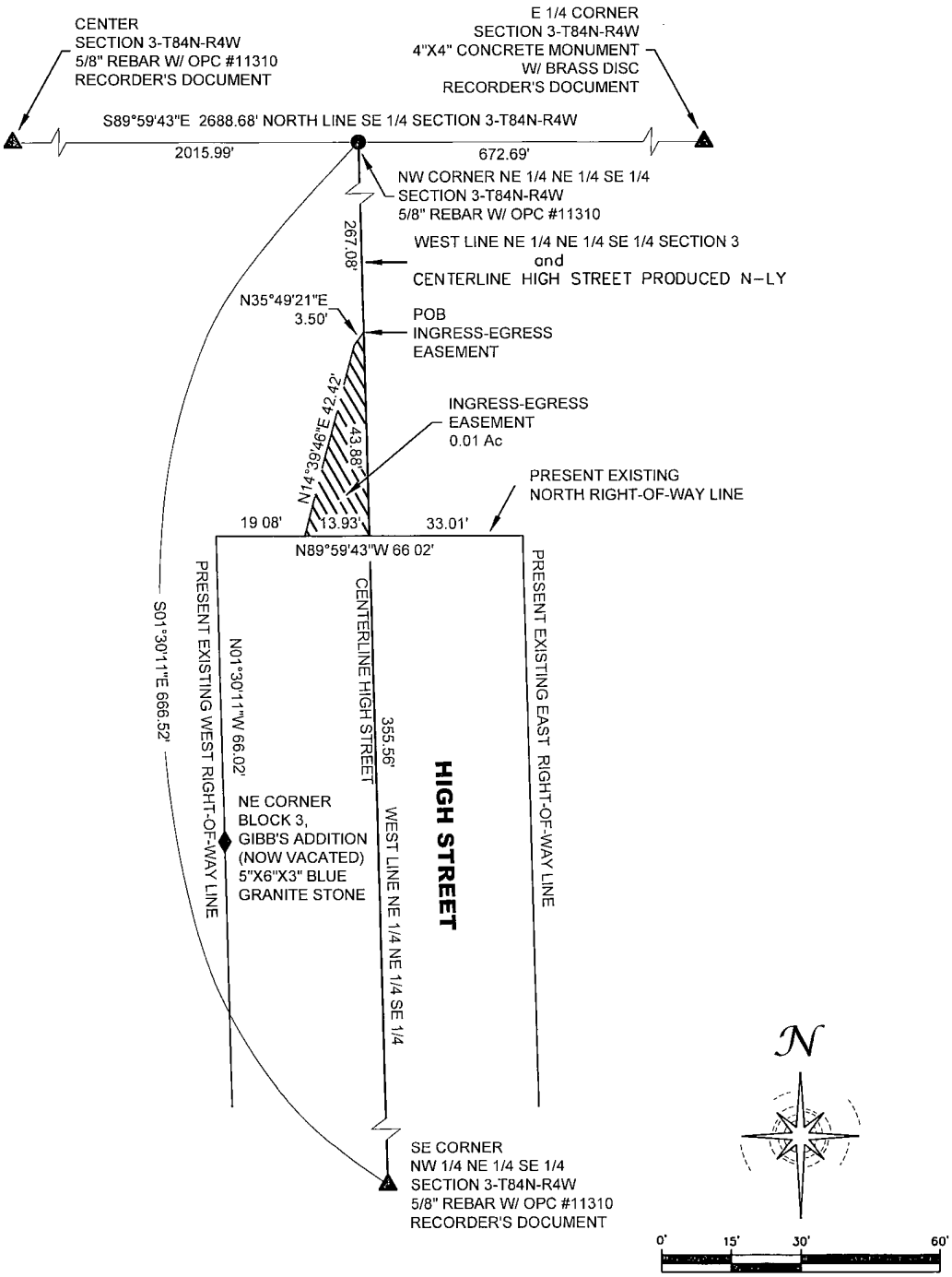
INGRESS-EGRESS EASEMENT
PER RECORDER'S DOCUMENT 2011 2021

LEGAL DESCRIPTION
EASEMENT FOR INGRESS-EGRESS

A part of the NE ¼ of the SE ¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M., more particularly described as follows: Commencing at a point of reference at the E ¼ corner of said Section 3; thence N89°59'43"W along the north line of the SE ¼ of said Section 3, 672.69 feet to the NE corner of the NW ¼ of the NE ¼ of the SE ¼, to the east line of said NW ¼ of the NE ¼ of the SE ¼, and to the centerline of High Street if produced northerly; thence S01°30'11"E along said east line and along said produced centerline, 267.08 feet to the point of beginning; thence continuing S01°30'11"E along said east line and along said produced centerline, 43.88 feet to the present existing north right-of-way line of High Street; thence N89°59'43"W along said present existing north right-of-way line, 13.93 feet; thence N14°39'46"E, 42.42 feet; thence N35°49'21"E, 3.50 feet to the point of beginning, containing 0.01 acres.

FIELD BOOK NUMBER 333	SHEET TITLE: INGRESS-EGRESS EASEMENT		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE N/A				
DATE DRAWN 6/1/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

INGRESS-EGRESS EASEMENT
PER RECORDER'S DOCUMENT 2011 2021



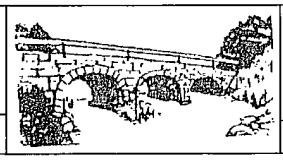
LEGEND

- ▲ FOUND SECTION CORNER
- △ SET SECTION CORNER
- ● FOUND 1/2" REBAR OR AS NOTED
- ○ SET 5/8" REBAR w/ ORANGE CAP #11310
- ♦ FOUND STONE
- ( ) RECORDED AS
- POB POINT OF BEGINNING
- OPC ORANGE PLASTIC CAP
- RPC RED PLASTIC CAP
- YPC YELLOW PLASTIC CAP

PROPRIETOR: STATE OF IOWA

SURVEYOR: CLARENCE J. WALTON, LS 11310
JONES COUNTY ENGINEER'S OFFICE
19501 HWY. 64, P.O. BOX 368
ANAMOSA, IOWA 52205
(319) 462-3785

DATE OF SURVEY: MAY-JUNE 2011

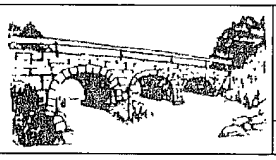
FIELD BOOK NUMBER 333	SHEET TITLE: INGRESS-EGRESS EASEMENT EXHIBIT		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE 1" = 30'				
DATE DRAWN 5/21/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

INGRESS-EGRESS EASEMENT
BETWEEN
COMMUNITY CARE, INC. and JONES COUNTY, IOWA

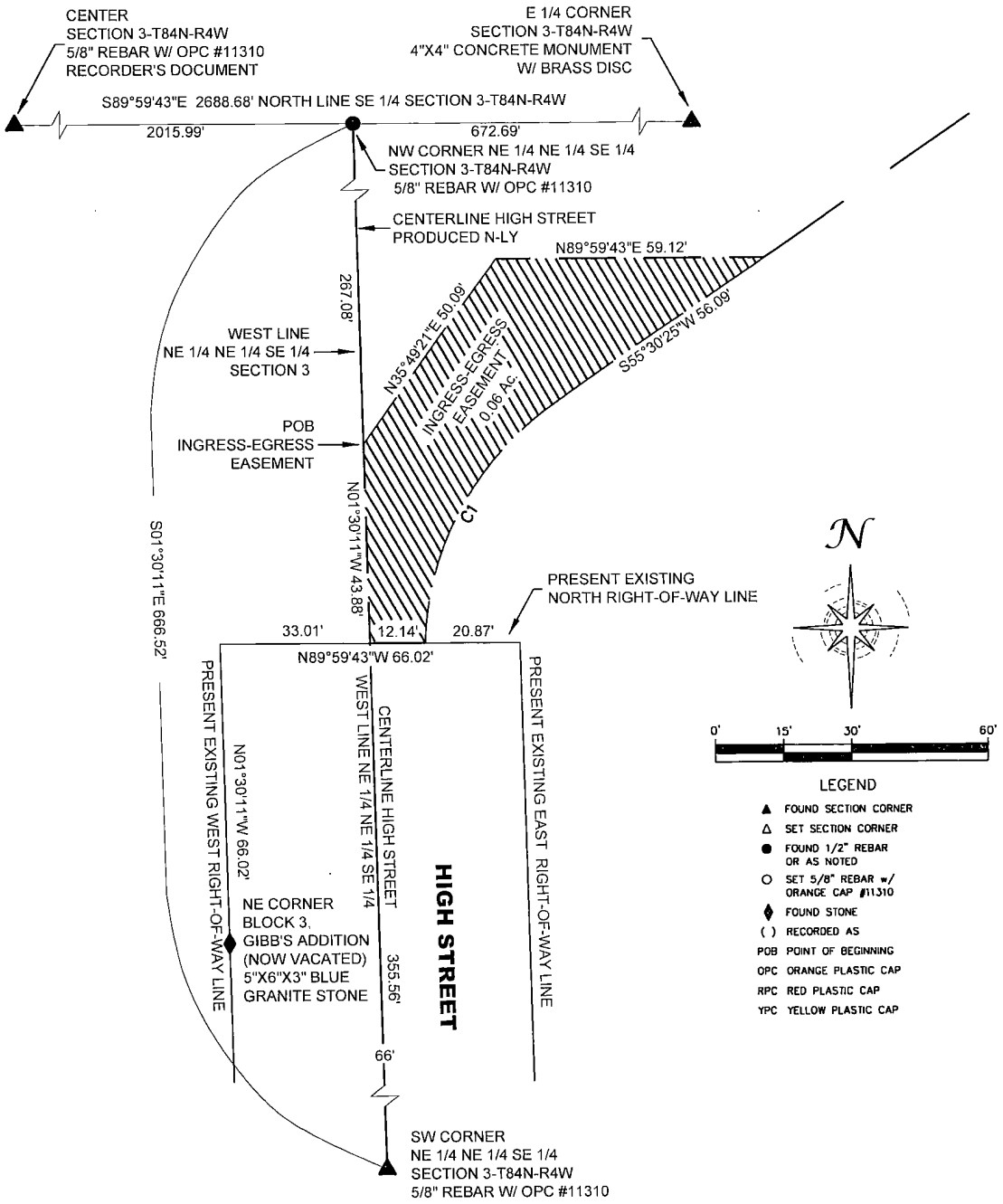
LEGAL DESCRIPTION
INGRESS-EGRESS EASEMENT

A part of the NE ¼ SE ¼ of Section 3, Township 84 North, Range 4 West of the 5th P.M., more particularly described as follows:

Commencing as a point of reference at the E ¼ corner of said Section 3; thence N89°59'43"W along the north line of the SE ¼ of said Section 3, 672.69 feet to the NW corner of said NE ¼ NE ¼ SE ¼, to the west line of said NE ¼ NE ¼ SE ¼, and to the centerline of High Street if produced Northerly; thence S01°30'11"E along said west line and along said produced centerline, 267.08 feet to the point of beginning; thence N35°49'21"E, 50.09 feet; thence N89°59'43"E, 59.12 feet; thence S55°30'25"W, 56.09 feet; thence Southwesterly along an arc of 62.36 feet of a 66.71-foot radius curve to the left, having a chord distance of 60.11 feet bearing S28°43'38"W to the present existing north right-of-way line of High Street; thence N89°59'43"W along said present existing north right-of-way line 12.14 feet to the west line of said NE ¼ NE ¼ SE ¼ and to said produced centerline; thence N01°30'11"W along said west line and along said produced centerline, 43.88 feet to the point of beginning, containing 0.06 acres.

FIELD BOOK NUMBER 333	SHEET TITLE: INGRESS-EGRESS EASEMENT		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE N/A				
DATE DRAWN 6/1/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

INGRESS-EGRESS EASEMENT
BETWEEN
COMMUNITY CARE, INC. and JONES COUNTY, IOWA



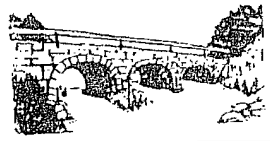
PROPRIETOR: COMMUNITY CARE, INC.

SURVEYOR: CLARENCE J. WALTON, LS 11310
JONES COUNTY ENGINEER'S OFFICE
19501 HWY. 64, P.O. BOX 368
ANAMOSA, IOWA 52205
(319) 462-3785

CURVE TABLE

NUMBER	DELTA ANGLE	CHORD DIRECTION	RADIUS	ARC LENGTH	CHORD LENGTH
C1	53°33'36"	S28°43'38"W	66.71'	62.36'	60.11'

DATE OF SURVEY: MAY-JUNE 2011

FIELD BOOK NUMBER 333	SHEET TITLE: INGRESS-EGRESS EASEMENT EXHIBIT		JONES COUNTY ENGINEER'S OFFICE 19501 Hwy 64, P.O. Box 368 Anamosa, Iowa 52205 (319) 462-3785	Date Revised
SCALE 1" = 30'				
DATE DRAWN 5/21/11				
PROJECT NUMBER M-2211	PROJECT TITLE: M-2211		Design By CJW / Drawn By CJW / Checked By PEP / Approved By CJW	

WAIVER OF REVIEW

To: Jones County Recorder

From: Tammy Coons, Anamosa City Clerk

Re: Plat of Survey for Parcel No. 2011-36

Date: June 10, 2011

Following preliminary review of the plat of survey referenced above, the City of Anamosa does not believe the plat of survey is subject to review by the City of Anamosa and formal review is accordingly waived.

Waiver of review of this survey is for subdivision purposes only and is not to be construed as acceptance or approval by the City of any zoning non-conformities that now exist or may result from the recording of the survey.

CITY OF ANAMOSA, IOWA

By: Dale Barnes
Dale Barnes, Mayor

By: Alan D. Johnson
Alan D. Johnson, City Administrator

FEEBOOK: 2009 0143 1/16/2009 9:45 AM
REC FEES: $12.00 PL BK T PG 29
PAGES: 2

Marie Krutzfield, Recorder
Jones County, Iowa

Prepared by: Richard M. Kordick, P.E.L.S., 120 East Main, Suite D, Anamosa, IA 52205 Phone: (319) 462-4498

PLAT OF SURVEY - PARCEL NO. 2009-15

LEGAL DESCRIPTION

A portion of the NE 1/4 SE 1/4 Section 3, T. 84 N., R. 4 W., of the 5th P.M., Jones County, Iowa, described as follows:
Commencing at a 5/8" rebar found marking the SW Corner of the Lot 3 of Blocks 26 & 29 of Soper & Boardman's Subdivision of Blocks 25,26,28 and 29 of Fisher's East Anamosa;
thence N00°11'03"E - 123.73 feet along the east line of Garnavillo Street;
thence N88°40'10"W - 250.51 feet along the north line of Broadway Street to a set pk nail, also being the Point of Beginning of Parcel No. 2009-15 herein described:
thence N88°40'10"W - 212.07 feet along the said north line of Broadway Street to a set 1/2" rebar;
thence N00°05'23"W - 181.79 feet along the east line of the property described in deed in Recorder's Bk. 34 - Pg. 558 to a set 1/2" rebar;
thence N88°52'25"E - 211.31 feet to a set 1/2" rebar;
thence S00°18'36"E - 190.87 feet to the Point of Beginning.
Said Parcel contains 0.91 acres which includes 0.00 acres of Road Easement.

SURVEY REQUESTED BY:
Merlin Moore

PROPRIETOR:
JRCC, L.L.C.

Date of Survey: 11/3/08

Parcel No. 2009-15	Total Area Excluding R.O.W. (acres)	Total R.O.W. Area (acres)	Total Area (acres)
NE 1/4 SE 1/4	0.91	0.00	0.91
Total	0.91	0.00	0.91

Hospital Street
Webster's Outlot 4 (Town Plat Book Page 19)
Webster Street
Garnavillo Street
Point of Beginning
Point of Commencing
Soper and Boardman's Addition (Town Plat Book - Page 35)
Sales Street
Broadway Street
High Street
Parcel No. 2009-15
(property described in deed in Recorder's Doc. No. 2008-1219)
(property described in Recorder's Bk. 51 - Pg. 458)
(property described in Recorder's deed in Bk. 34 - Pg. 558)
Lot 6
Lot 7
Lot 8
Lot 5
Block 26
Block 25
Lot 4
Lot 3
66' R.O.W.
66.01'
123.73'
134.42'
263.65'
N00°11'03"E
N00°10'09"W
184.50' (184.50')
N88°40'10"W 250.51'
200.42'
S00°18'36"E 341.74'
190.87'
82.98'
N00°11'03"E 66.01'
N88°52'25"E 211.31'
129.09'
212.07'
671.29'
181.79'
N00°05'23"W 208.71' (208.71')
208.71'
N88°40'10"W
0
100
N

LEGEND:
- ● Found 5/8" rebar
- ① Found 5/8" rebar w/ orange cap "Bonifazi PLS 13480"
- ② Found nail
- ⊗ Set pk nail in tree stump
- ○ 1/2" rebar w/ red cap "Kordick 13657" set
- Lot Line
- Property Line
- Survey Boundary

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.

Richard M. Kordick
License number 13657
My license renewal date is December 31, 2009.
Pages or sheets covered by this seal: 1 of 1

1/15/2009
date

PROFESSIONAL ENGINEER & LAND SURVEYOR
RICHARD M. KORDICK
NO. 13657
LICENSED
IOWA

PLAT OF SURVEY
PARCEL NO. 2009-15
A portion of the NE 1/4 SE 1/4
SEC. 3-84-4
JONES COUNTY, IA

Kordick Surveying & Engineering
120 East Main, Suite D
Anamosa, Iowa 52205
(319) 462-4498

Date: 1/15/09
Job No.: 08043
Scale: 1"=100'
Sht No.: 1 of 1

WAIVER OF REVIEW

To: Jones County Recorder

From: Tammy Coons, Anamosa City Clerk

Re: Plat of Survey for Parcel No. 2009-015

Date: January 13, 2009

Following preliminary review of the plats of survey referenced above, the City of Anamosa does not believe the plats of survey are subject to review by the City of Anamosa and formal review is accordingly waived.

Waiver of review of these surveys is for subdivision purposes only and is not to be construed as acceptance or approval by the City of any zoning non-conformities that now exist or may result from the recording of the surveys.

CITY OF ANAMOSA, IOWA

By: _____
Jon Hatcher, Mayor

By: _____
Patrick Callahan, City Administrator

ERIS

ENVIRONMENTAL LIEN SEARCH

Project Property: *104 BROADWAY PLACE*
ANAMOSA, IA 52205
Order No: *2311800231-EL1*
Date Completed: *11/29/2023*

The following is the current property legal description (See deed for full legal description):

COM NW COR NE NE SE S TO PT 88' N OF NW COR 1A TR IN SW COR E 170' S 88' E TO NE COR OF 1A TR S TO PAR 2009-15 E TO NE COR PAR 2009-15 N TO N LN NE SE W TO BEG EXC PARCEL 2011-36

Assessor's Parcel Number(s): 09-03-427-014 AND 09-03-427-011

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL LIEN REPORT

Order No: *23112800231-EL1*

The ERIS Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied property information to:

- Search for parcel information and / or legal description
- Search for ownership information
- Research official land title documents recorded at jurisdictional agencies such as recorder's' office, registries of deeds, county clerks' offices, etc.
- Access a copy of the deed
- Search for environmental encumbrance(s) associate with the deed
- Provide a copy of any environmental encumbrance(s) based upon a review of keywords in the instrument(s) (title, parties involved and description)
- Provide a copy of the deed or cite documents reviewed

Thank You for Your Business
Please contact ERIS at **416-510-5204** or **info@erisinfo.com**
with any questions or comments

LIMITATION

This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. ERIS – Environmental Risk Information Services does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from various agencies that make it available. The total liability is limited to the fee paid for this report.

ENVIRONMENTAL LIEN REPORT

Order No: *23112800231-EL1*

The ERIS Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

104 BROADWAY PLACE
ANAMOSA, IA 52205

CURRENT OWNER

LIVJOYFULL, LLC

RESEARCH SOURCE

NOTICE: JUDICIAL RECORDS NOT SEARCHED. BASED ON AVAILABLE INFORMATION EVALUATED BY THE TITLE SEARCH PROFESSIONAL, THE JURISDICTION DOES NOT REQUIRE A SEARCH OF JUDICIAL RECORDS IN ORDER TO IDENTIFY ENVIRONMENTAL LIENS.

COUNTY:	JONES COUNTY RECORDER'S OFFICE
STATE:	IOWA DEPARTMENT OF NATURAL RESOURCES
FEDERAL:	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEED INFORMATION

Type of Instrument:	QUIT CLAIM DEED
Grantor:	WEBER STONE COMPANY, AN IOWA CORPORATION
Grantee:	LIVJOYFULL, LLC
Deed Dated:	10/23/2018
Deed Recorded:	10/23/2018
Instrument:	2018-2916

LEGAL DESCRIPTION

COM NW COR NE NE SE S TO PT 88' N OF NW COR 1A TR IN SW COR E 170' S 88' E TO NE COR OF 1A TR S TO PAR 2009-15 E TO NE COR PAR 2009-15 N TO N LN NE SE W TO BEG EXC PARCEL 2011-36

Assessor's Parcel Number (s): 09-03-427-014 AND 09-03-427-011

ENVIRONMENTAL LIEN REPORT

Order No: *23112800231-EL1*

ENVIRONMENTAL LIEN

Environmental Lien: Found X Not Found

ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found X Not Found

LEASES AND MISCELLANEOUS

Comments: NONE IDENTIFIED.

Instrument #: 2018-2916
10/23/2018 11:16:35 AM Total Pages: 2
DQC QUIT CLAIM DEED
Recording Fee: $17.00 Transfer Tax: $0.00
Sheri L. Jones, Recorder, Jones County Iowa

Prepared by and Return to:
Atty. Jay A. Willems, 301 E. Main St., PO Box 228, Anamosa, IA 52205-0228; Telephone (319)462-3577
Taxpayer Information: LIVJOYFULL L.L.C., 12791 Stone City Rd, Anamosa, IA 52205
Grantor: Weber Stone Company
Grantee: LIVJOYFULL L.L.C.
Legal Description: Pgs. 1-2

QUIT CLAIM DEED

For the consideration of One Dollar and other valuable consideration, Weber Stone Company, an Iowa corporation, does hereby Quit Claim to LIVJOYFULL L.L.C., an Iowa limited liability company, all its right, title, interest, estate, claim and demand in the following described real estate in Jones County, Iowa:

Commencing at the Northwest corner of the NE1/4 NE1/4 SE1/4 of Section 3, Township 84, North, Range 4 West of the 5th P.M.; and running thence South along High Street in the City of Anamosa, to a point 88 feet due North of the Northwest corner of a one acre tract of land in the Southwest corner thereof described in the Deed recorded in Book 34 of Deeds, on Page 558 known as the Church Lot; thence East parallel with the North line of said Church Lot, 170 feet; thence South 88 feet to the North line of said Church Lot; thence East to the Northeast corner of said Church Lot; thence South to Broadway Street at the Southeast corner of said Church Lot; thence East on the North line of Broadway Street to the Southwest corner of a lot formerly owned by A. G. Pangburn and described in Deed recorded in Book 51 of Deeds, on Page 458; thence North to the North line of said Quarter Section; thence West on said Quarter Section line to the place of beginning;

EXCEPTING THEREFROM Parcel 2009-15 in the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., as shown in the Plat of Survey recorded in Plat Book T, Page 29 (and as Document No. 2009 0143) of the Jones County, Iowa records, containing 0.90 acre, all in the City of Anamosa, Jones County, Iowa;

AND FURTHER EXCEPTING Parcel 2011-36 in the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., in the City of Anamosa, Jones County, Iowa, as shown in the Plat of Survey recorded in Plat Book T, Page 232 (and as Doc. No. 2011 2163) of the Jones County, Iowa records;

SUBJECT to an easement for ingress and egress in favor of Jones County, Iowa as set forth in the cross easement agreement dated November 5, 2009 between JRCC, L.L.C. and Jones County, Iowa, which easement agreement was recorded with the Office of the Jones County Recorder on November 5, 2009 as Instrument No. 2009 3743;

AND FURTHER SUBJECT to an easement for ingress and egress in favor of Jones County, Iowa arising by virtue of the Plat of Survey of Parcel No. 2011-36 being part of the NE1/4 SE1/4 of Section 3, Township 84 North, Range 4 West of the 5th P.M., City of Anamosa, Jones County, Iowa, which plat of survey was recorded with the Office of the Jones County Recorder as Instrument No. 2011 2163 on August 30, 2011;

TOGETHER WITH the easements for ingress and egress originally running in favor of JRCC, L.L.C. and Community Care, Inc. under the cross easement agreement and plat of survey referenced immediately above.

No Iowa Documentary Revenue Stamps, Declaration of Value or Groundwater Hazard Statement required, as this is a deed for title correction purposes only and there is no consideration passing from grantee to grantor. See Iowa Code Sections 428A.2 (DOV) and 455B.172(11)(a) (GHS).

Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

Dated: 10/23, 2018

WEBER STONE COMPANY

Michael Deutmeyer, President

Patrick W. Deutmeyer, Secretary

STATE OF IOWA, COUNTY OF JONES: ss.

This record was acknowledged before me on this 23 day of October, 2018, by Michael Deutmeyer, President, and Patrick W. Deutmeyer, Secretary, of Weber Stone Company, an Iowa corporation.

Signature of Notary Public

NOTARIAL SEAL IOWA

SHERRI LYNN WAGEMAN
Commission Number 779095
My Commission Expires
June 26, 2019

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23112800231p
Date Completed:		November 28, 2023
Project Number:		3607
Project Property:		ECIA - Broadway 104 Broadway Place Anamosa IA 52205
Coordinates:		
	Latitude:	42.11315872
	Longitude:	-91.28827289
	UTM Northing:	4663757.99917 Meters
	UTM Easting:	641511.890209 Meters
	UTM Zone:	UTM Zone 15T
	Elevation:	870.66 ft
	Slope Direction:	N

Topographic Information....2
Hydrologic Information....4
Geologic Information....9
Soil Information....11
Wells and Additional Sources....24
Summary....25
Detail Report....31
Radon Information....132
Appendix....133
Liability Notice....135

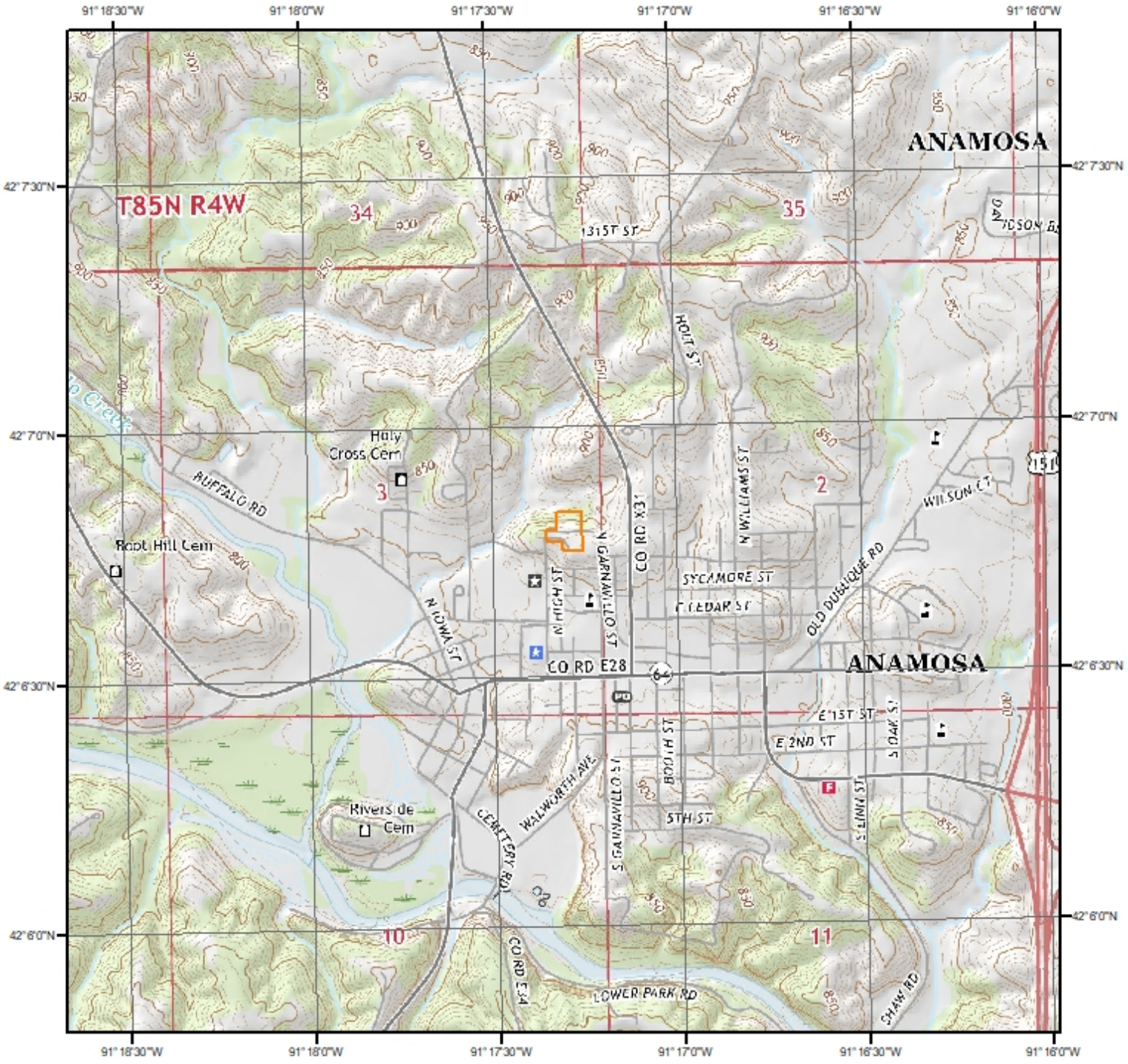
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2018)

Quadrangle(s): Anamosa NE, IA; Anamosa, IA

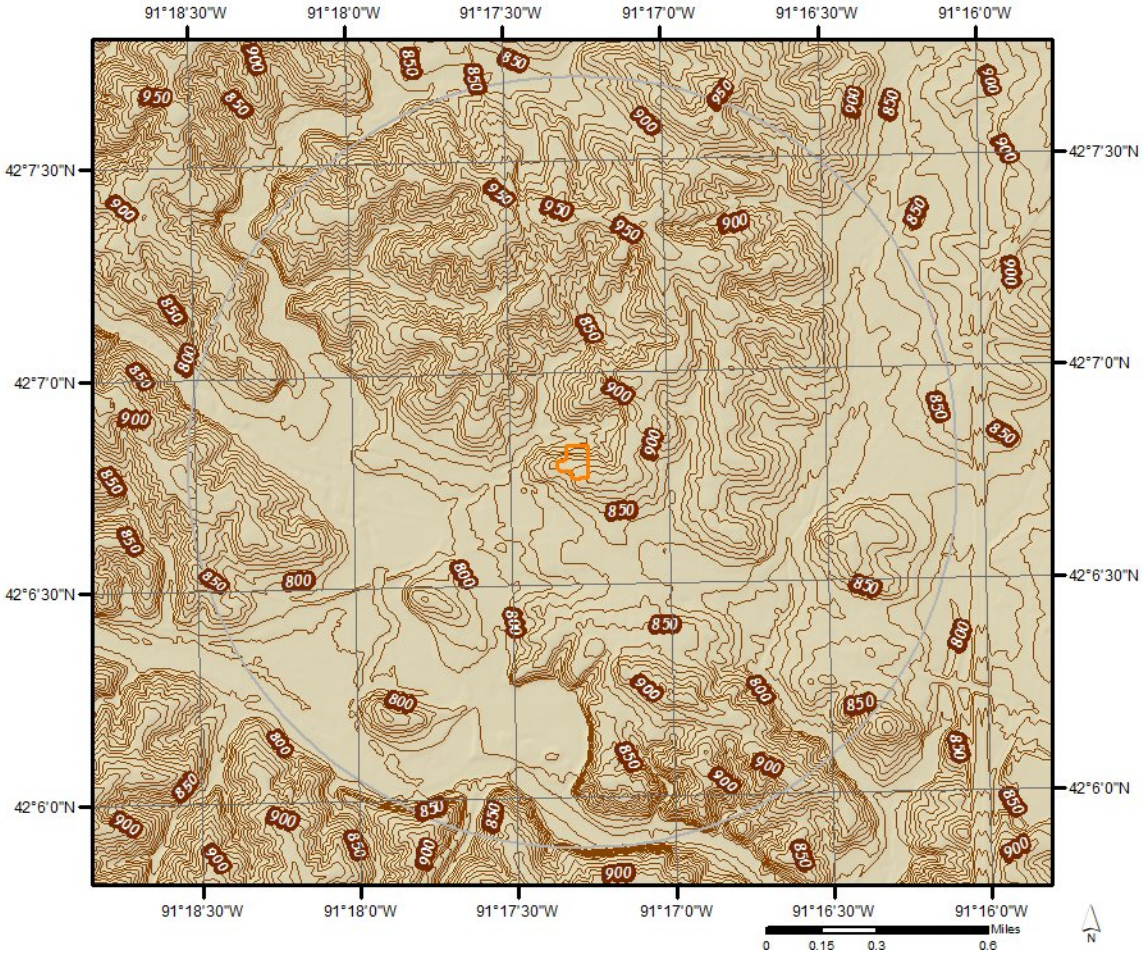
Source: USGS 7.5 Minute Topographic Map

Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

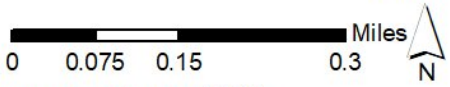
Topographic information at project property:

Elevation:	870.66 ft
Slope Direction:	N



Hydrologic Information

Wetland



This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

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

ERIS

Hydrologic Information

Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 0.2 0.4

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Anamosa NE,IA; Anamosa,IA

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	19113C0250E(effective:2021-07-20) 19113C0375E(effective:2021-07-20) 19105C0125F(effective:2021-11-19) 19105C0210F(effective:2021-11-19)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

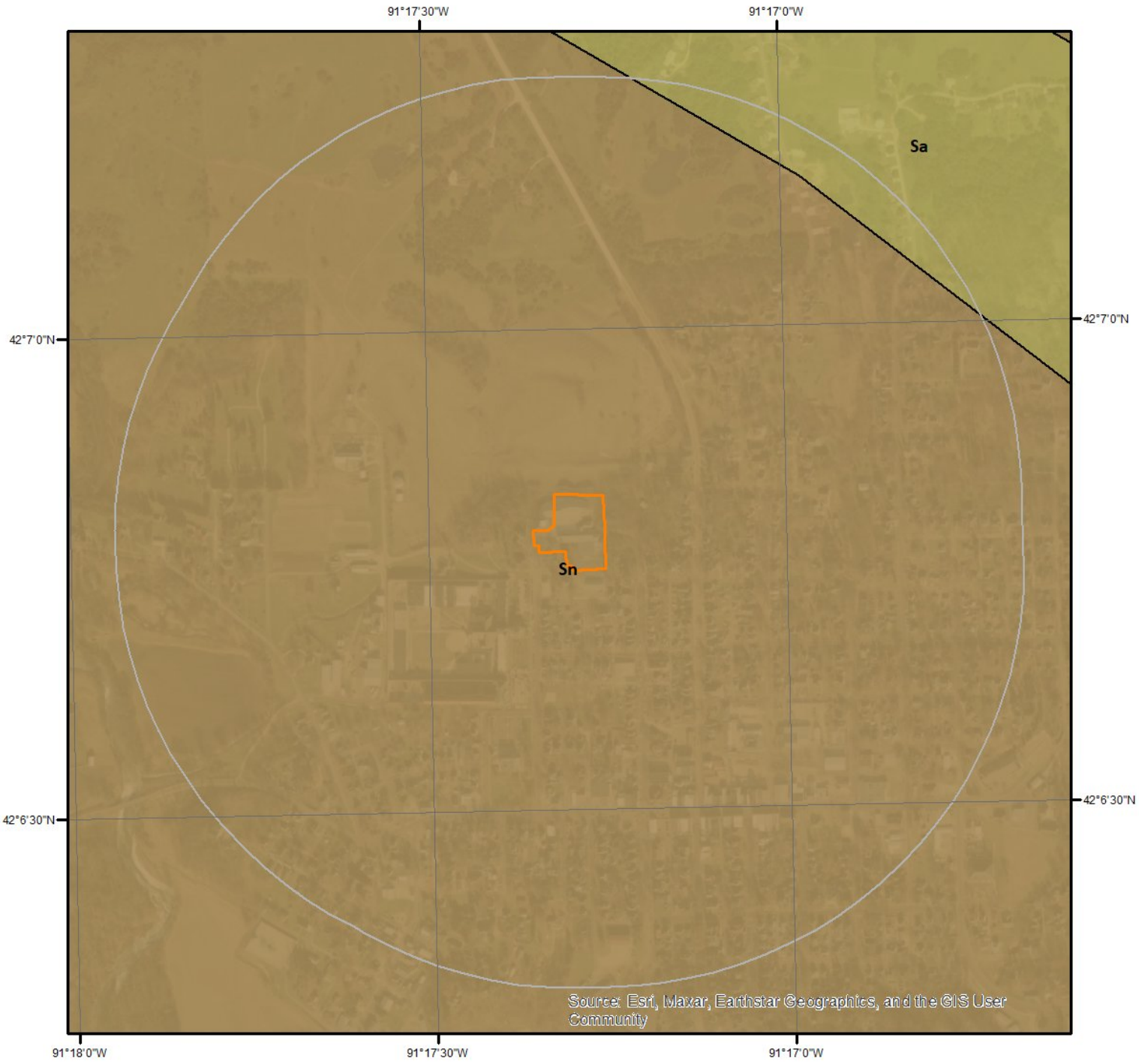
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



0 0.2 0.4 Miles N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

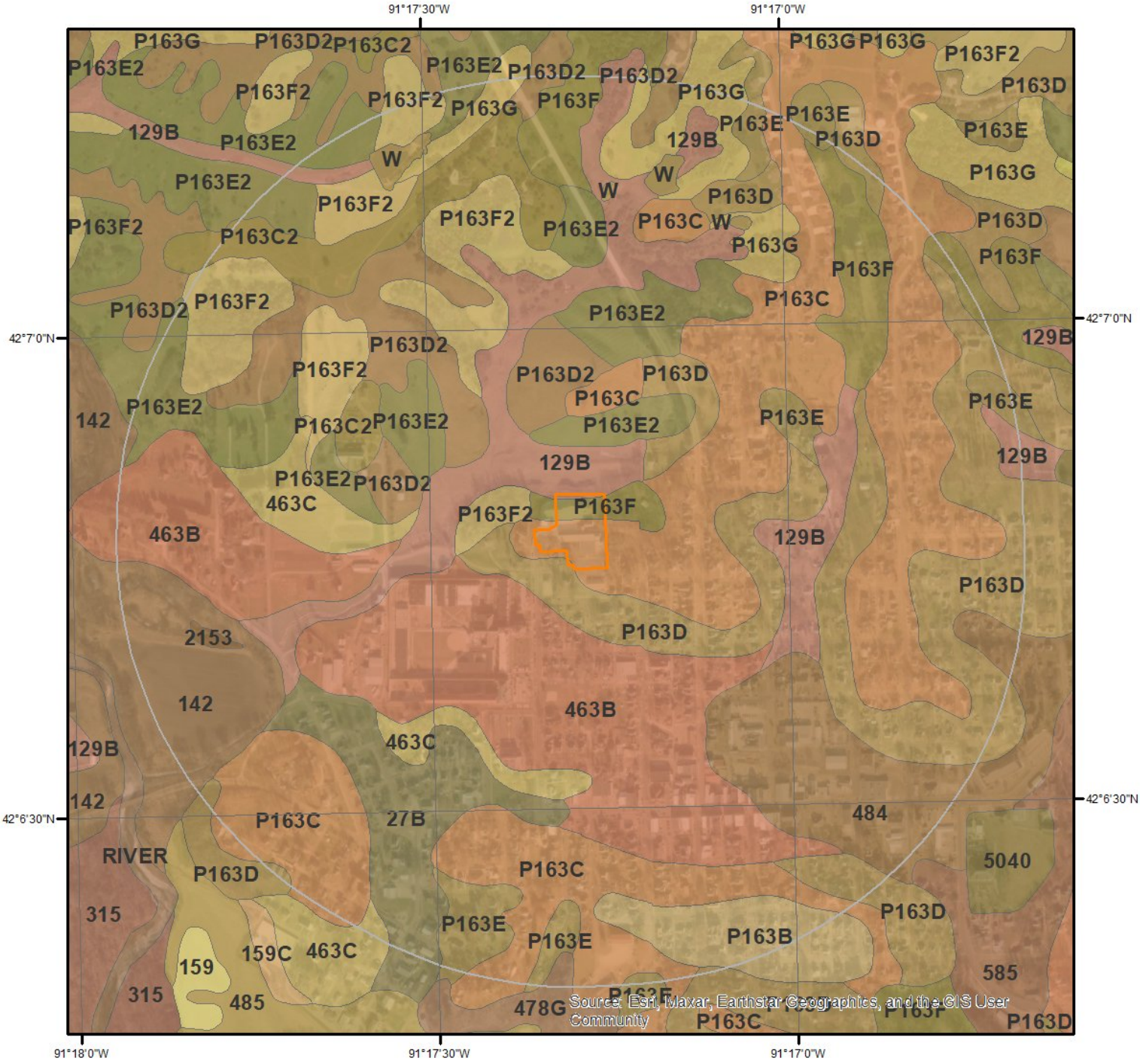
Geologic Unit Sn

Unit Name:	Niagaran Series
Unit Age:	Phanerozoic | Paleozoic | Silurian
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	chert
Unit Description:	Gower Dolomite- LeClaire (reef phase) tough, greenish-blue dolomite; Anamosa (inner-reef) soft, yellowish-brown, thin-bedded dolomite. Hopkinton Dolomite- light colored dolomite with nodular chert.

Geologic Unit Sa

Unit Name:	Alexandrian Series
Unit Age:	Phanerozoic | Paleozoic | Silurian
Primary Rock Type:	dolostone (dolomite)
Secondary Rock Type:	chert
Unit Description:	Kankakee Formation- light colored dolomite; contains much interbedded chert. Approx thickness 155 ft. Englewood Dolomite- gray, sandy, silty, argillaceous dolomite. Approx thickness 55 ft

Soil Information



SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 129B (6.3%)

Map Unit Name:	Arenzville-Chaseburg complex, 1 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Arenzville(50%)	
horizon A(0cm to 20cm)	Silt loam
horizon C(20cm to 66cm)	Stratified silt loam
horizon Ab(66cm to 142cm)	Silt loam
horizon C'(142cm to 200cm)	Stratified silt loam to very fine sand
Chaseburg(45%)	
horizon A(0cm to 25cm)	Silt loam
horizon C(25cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 129B - Arenzville-Chaseburg complex, 1 to 5 percent slopes

Component: Arenzville (50%)
The Arenzville component makes up 50 percent of the map unit. Slopes are 2 to 5 percent. This component is on drainageways on uplands. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during April. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Chaseburg (45%)
The Chaseburg component makes up 45 percent of the map unit. Slopes are 2 to 5 percent. This component is on drainageways on uplands. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Orion (5%)
Generated brief soil descriptions are created for major components. The Orion soil is a minor component.

Map Unit 142 (7.83%)

Map Unit Name:	Chaseburg silt loam, 0 to 2 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Chaseburg(90%)

horizon A(0cm to 25cm)	Silt loam
horizon C(25cm to 200cm)	Stratified silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 142 - Chaseburg silt loam, 0 to 2 percent slopes

Component: Chaseburg (90%)
The Chaseburg component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on river valleys. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Arenzville (5%)
Generated brief soil descriptions are created for major components. The Arenzville soil is a minor component.

Component: Orion (5%)
Generated brief soil descriptions are created for major components. The Orion soil is a minor component.

Map Unit 2153 (0.07%)

Map Unit Name:	Shandep clay loam, 0 to 2 percent slopes, ponded, occasionally flooded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Shandep(90%)

horizon A1(0cm to 13cm)	Clay loam
horizon A2(13cm to 64cm)	Clay loam
horizon A3(64cm to 74cm)	Clay loam
horizon Bg1(74cm to 94cm)	Clay loam
horizon Bg2(94cm to 114cm)	Loam
horizon 2Cg(114cm to 200cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 2153 - Shandep clay loam, 0 to 2 percent slopes, ponded, occasionally flooded

Component: Shandep (90%)
The Shandep, ponded, occasionally flooded component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on stream terraces on river valleys. The parent material consists of loamy alluvium over sandy and gravelly alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is occasionally flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 8 percent. This component is in the R104XY014IA Ponded Floodplain Marsh Bolboschoenus Fluviatilis-sagittaria Latifolia (river Bulrush-broadleaf Arrowhead) ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Coland (10%)
Generated brief soil descriptions are created for major soil components. The Coland, ponded, occasionally flooded soil is a minor component.

Soil Information

Map Unit 27B (2.86%)

Map Unit Name:	Terril loam, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Terril(95%)

horizon Ap(0cm to 20cm)	Loam
horizon A1(20cm to 58cm)	Loam
horizon A2(58cm to 91cm)	Loam
horizon Bw(91cm to 127cm)	Loam
horizon BC(127cm to 180cm)	Loam
horizon 2C(180cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 27B - Terril loam, 2 to 5 percent slopes

Component: Terril (95%)
The Terril component makes up 95 percent of the map unit. Slopes are 2 to 5 percent. This component is on alluvial fans on river valleys. The parent material consists of local loamy colluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during April. Organic matter content in the surface horizon is about 4 percent. This component is in the R104XY015IA Terrace Savanna Quercus Macrocarpa-fraxinus Pennsylvanica/elymus Virginicus-andropogon Gerardii (bur Oak-green Ash/virginia Wildrye-big Bluestem) ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Component: Rock Outcrop (5%)
Generated brief soil descriptions are created for major soil components. The Rock Outcrop soil is a minor component.

Map Unit 463B (10.39%)

Map Unit Name:	Fayette silt loam, benches, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(100%)

horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 117cm)	Silty clay loam
horizon H3(117cm to 152cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 463B - Fayette silt loam, benches, 2 to 5 percent slopes

Soil Information

Component: Fayette (100%)
The Fayette, terrace component makes up 100 percent of the map unit. Slopes are 2 to 5 percent. This component is on stream terraces, river valleys. The parent material consists of loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit 463C (2.5%)

Map Unit Name:	Fayette silt loam, benches, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(100%)	
horizon H1(0cm to 23cm)	Silt loam
horizon H2(23cm to 117cm)	Silty clay loam
horizon H3(117cm to 152cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 463C - Fayette silt loam, benches, 5 to 9 percent slopes

Component: Fayette (100%)
The Fayette, terrace component makes up 100 percent of the map unit. Slopes are 5 to 9 percent. This component is on stream terraces, river valleys. The parent material consists of loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map Unit 478G (1.5%)

Map Unit Name:	Nordness-Rock outcrop complex, 18 to 60 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Nordness(45%)	
horizon H1(0cm to 13cm)	Loam
horizon H2(13cm to 20cm)	Loam
horizon H3(20cm to 36cm)	Silty clay loam
horizon H4(36cm to 46cm)	Bedrock
Rock Outcrop(40%)	
horizon R(0cm to 203cm)	Bedrock

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: 478G - Nordness-Rock outcrop complex, 18 to 60 percent slopes

Component: Nordness (45%)
The Nordness component makes up 45 percent of the map unit. Slopes are 18 to 40 percent. This component is on uplands, hillslopes. The parent material consists of loamy or silty material over clayey residuum over limestone or dolomite. Depth to a root restrictive layer, bedrock, lithic, is 8 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Rock Outcrop (40%)
Generated brief soil descriptions are created for major soil components. The Rock Outcrop is a miscellaneous area.

Component: Dubuque (15%)
Generated brief soil descriptions are created for major components. The Dubuque soil is a minor component.

Map Unit 484 (4.71%)

Map Unit Name:	Lawson silt loam, 0 to 2 percent slopes, occasionally flooded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	30cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lawson(95%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon A(20cm to 76cm)	Silt loam
horizon C(76cm to 200cm)	Stratified silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 484 - Lawson silt loam, 0 to 2 percent slopes, occasionally flooded

Component: Lawson (95%)
The Lawson, occasionally flooded component makes up 95 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood-plain steps on river valleys. The parent material consists of fine-silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 12 inches during April. Organic matter content in the surface horizon is about 5 percent. This component is in the F108CY529IA Loamy Floodplain Forest Quercus Bicolor-quercus Macrocarpa/celtis Occidentalis/elymus Virginicus-rudbeckia Laciniata (swamp White Oak-bur Oak/common Hackberry/virginia Wildrye-cutleaf Coneflower) ecological site. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Colo (5%)
Generated brief soil descriptions are created for major soil components. The Colo, occasionally flooded soil is a minor component.

Map Unit P163B (1.73%)

Map Unit Name:	Fayette silt loam, paha, 2 to 5 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Soil Information

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163B - Fayette silt loam, paha, 2 to 5 percent slopes

Component: Fayette (95%)
The Fayette component makes up 95 percent of the map unit. Slopes are 2 to 5 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163C (20.63%)

Map Unit Name:	Fayette silt loam, paha, 5 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163C - Fayette silt loam, paha, 5 to 9 percent slopes

Component: Fayette (95%)
The Fayette component makes up 95 percent of the map unit. Slopes are 5 to 9 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability

classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163C2 (2.27%)

Map Unit Name:	Fayette silt loam, paha, 5 to 9 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(95%)

horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163C2 - Fayette silt loam, paha, 5 to 9 percent slopes, eroded

Component: Fayette (95%)
The Fayette, eroded component makes up 95 percent of the map unit. Slopes are 5 to 9 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Map Unit P163D (11.7%)

Map Unit Name:	Fayette silt loam, paha, 9 to 14 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon Ap(0cm to 20cm)	Silt loam
horizon E(20cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam

horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163D - Fayette silt loam, paha, 9 to 14 percent slopes

Component: Fayette (85%)
The Fayette component makes up 85 percent of the map unit. Slopes are 9 to 14 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick soil is a minor component.

Map Unit P163D2 (5.63%)

Map Unit Name:	Fayette silt loam, paha, 9 to 14 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163D2 - Fayette silt loam, paha, 9 to 14 percent slopes, eroded

Component: Fayette (85%)
The Fayette, eroded component makes up 85 percent of the map unit. Slopes are 9 to 14 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)

Soil Information

Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick, eroded soil is a minor component.

Map Unit P163E (2.08%)

Map Unit Name:	Fayette silt loam, paha, 14 to 18 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163E - Fayette silt loam, paha, 14 to 18 percent slopes

Component: Fayette (85%)
The Fayette component makes up 85 percent of the map unit. Slopes are 14 to 18 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick soil is a minor component.

Map Unit P163E2 (9.14%)

Map Unit Name:	Fayette silt loam, paha, 14 to 18 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(85%)

horizon Ap(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163E2 - Fayette silt loam, paha, 14 to 18 percent slopes, eroded

Component: Fayette (85%)
The Fayette, eroded component makes up 85 percent of the map unit. Slopes are 14 to 18 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (7%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Component: Keswick (3%)
Generated brief soil descriptions are created for major soil components. The Keswick, eroded soil is a minor component.

Map Unit P163F (3.83%)

Map Unit Name:	Fayette silt loam, paha, 18 to 25 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163F - Fayette silt loam, paha, 18 to 25 percent slopes

Component: Fayette (90%)
The Fayette component makes up 90 percent of the map unit. Slopes are 18 to 25 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60

inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit P163F2 (4.43%)

Map Unit Name:	Fayette silt loam, paha, 18 to 25 percent slopes, eroded
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 20cm)	Silt loam
horizon BE(20cm to 28cm)	Silt loam
horizon Bt1(28cm to 58cm)	Silty clay loam
horizon Bt2(58cm to 78cm)	Silty clay loam
horizon BC(78cm to 111cm)	Silt loam
horizon C1(111cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163F2 - Fayette silt loam, paha, 18 to 25 percent slopes, eroded

Component: Fayette (90%)
The Fayette, eroded component makes up 90 percent of the map unit. Slopes are 18 to 25 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley, eroded soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula, eroded soil is a minor component.

Map Unit P163G (2.06%)

Map Unit Name:	Fayette silt loam, paha, 25 to 40 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Fayette(90%)

horizon A(0cm to 8cm)	Silt loam
horizon E(8cm to 28cm)	Silt loam
horizon BE(28cm to 36cm)	Silt loam
horizon Bt1(36cm to 66cm)	Silty clay loam
horizon Bt2(66cm to 86cm)	Silty clay loam
horizon BC(86cm to 119cm)	Silt loam
horizon C1(119cm to 165cm)	Silt loam
horizon C2(165cm to 200cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: P163G - Fayette silt loam, paha, 25 to 40 percent slopes

Component: Fayette (90%)
The Fayette component makes up 90 percent of the map unit. Slopes are 25 to 40 percent. This component is on pahas on dissected till plains. The parent material consists of fine-silty loess. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Lindley (5%)
Generated brief soil descriptions are created for major soil components. The Lindley soil is a minor component.

Component: Timula (5%)
Generated brief soil descriptions are created for major soil components. The Timula soil is a minor component.

Map Unit W (0.32%)

Map Unit Name: Water

No more attributes available for this map unit

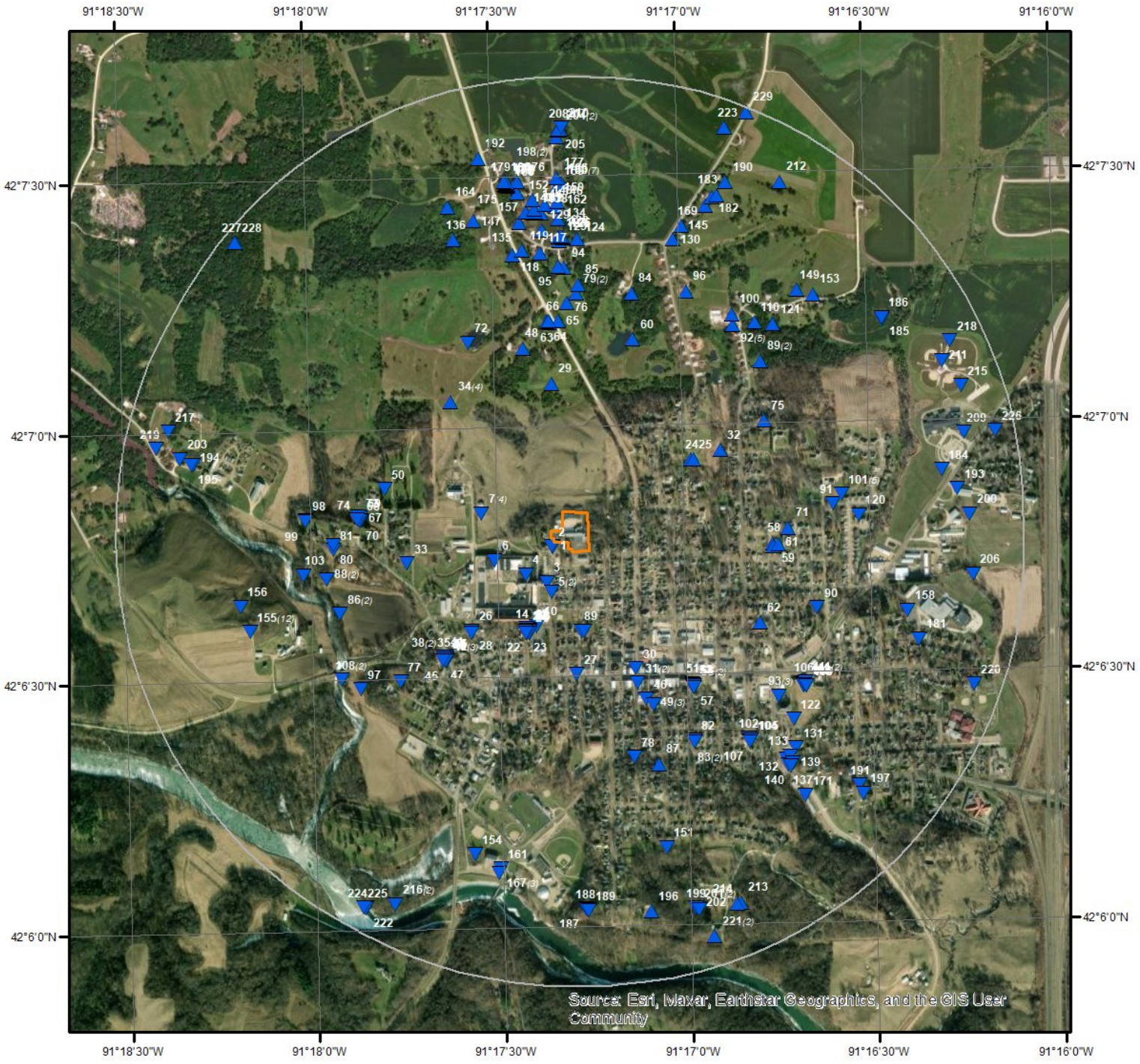
Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
5	IA5300947	552.87	SSW
31	IA5307048	1718.14	SSE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
5	IA5300947	552.87	SSW
31	IA5307048	1718.14	SSE

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
6	USGS-420644091173001	736.42	WSW
46	USGS-420631091172001	1941.73	SSE
91	USGS-420650091163601	2975.45	E
100	USGS-420718091165401	2975.17	NE
108	USGS-05421720	3070.08	WSW
108	USGS-420630091175501	3070.08	WSW
156	USGS-420639091181101	3856.90	WSW
161	USGS-420606091173001	3953.21	SSW
216	USGS-420603091174701	4789.28	SSW
216	USGS-420603091174711	4789.28	SSW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Wells

Map Key	Prog ID	Distance (ft)	Direction
3	IA5300947	487.68	SSW
10	IA5300947	1007.79	SSW
30	IA5307048	1551.10	SSE
62	IA5307048	2259.13	ESE
110	IA5307048	3069.06	NE
181	IA5790501	4145.36	ESE

Wells and Additional Sources Summary

Water Well Database

Map Key	Well ID	Distance (ft)	Direction
1	15178	66.52	SW
2	15067	68.13	SW
4	30861	528.08	SW
7	797	864.60	W
7	66896	864.60	W
7	2587438	864.60	W
7	797	864.60	W
8	59103	978.02	S
9	59102	977.53	S
11	46263	1077.65	SSW
12	46266	1085.29	SSW
13	46262	1088.08	SSW
14	46267	1094.54	SSW
15	46268	1097.63	SSW
16	46270	1100.74	SSW
17	46265	1108.69	SSW
18	46269	1120.41	SSW
19	46260	1119.33	SSW
20	44972	1124.55	SSW
21	46261	1121.97	SSW
22	46259	1129.15	SSW
23	46264	1137.71	SSW
24	4762	1408.48	ENE
25	6925	1433.49	ENE
26	16973	1474.36	SW
27	2121449	1498.32	S
28	20379	1492.61	SW
29	2099417	1560.15	N
32	2115277	1778.71	ENE
33	2115336	1775.46	W
34	2587439	1893.59	NW
34	66897	1893.59	NW
34	702	1893.59	NW
34	702	1893.59	NW
35	6970	1916.52	SW
36	6957	1929.87	SW
37	6964	1930.54	SW
38	6962	1936.10	SW
38	6968	1936.10	SW
39	6958	1939.69	SW
40	6967	1942.42	SW
41	6956	1941.44	SW
42	6959	1948.74	SW
43	6965	1950.21	SW
43	6969	1950.21	SW
43	6966	1950.21	SW
44	6960	1953.43	SW
45	6961	1956.88	SW
47	6963	1979.36	SW
48	79271	2038.45	NNW
49	2413050	2031.89	SSE
49	7306	2031.89	SSE
49	7306	2031.89	SSE
50	27676	2073.95	WNW
51	16858	2049.65	SE
52	16856	2059.62	SE
53	16857	2066.47	SE
54	16854	2074.01	SE
55	16853	2081.85	SE
56	16855	2088.05	SE

56	16850	2088.05	SE
57	16859	2101.47	SE
58	74513	2241.75	E
59	76414	2247.31	E
60	2077673	2170.91	NNE
61	71754	2299.69	E
63	2379	2298.94	N
64	79463	2307.40	N
65	2129188	2319.85	N
66	13961	2320.62	N
67	57086	2304.87	W
68	79380	2318.00	W
69	57085	2319.14	W
70	57084	2331.02	W
71	2222940	2429.01	E
72	2113872	2340.73	NNW
73	44886	2341.04	W
74	44885	2350.16	W
75	2167711	2412.88	ENE
76	2035986	2540.67	N
77	2143595	2523.08	SW
78	2109565	2578.22	SSE
79	58687	2651.48	N
79	65211	2651.48	N
80	2930	2647.20	W
81	78813	2648.60	W
82	23107	2638.50	SSE
83	2007657	2658.50	SSE
83	43671	2658.50	SSE
84	55878	2712.42	NNE
85	2038847	2762.75	N
86	49723	2717.32	WSW
86	2407728	2717.32	WSW
87	74484	2726.80	SSE
88	49722	2765.29	W
88	2409493	2765.29	W
89	95918	2788.00	NE
89	2592286	2788.00	NE
90	2207813	2855.23	ESE
92	21773	2879.42	NE
92	5704	2879.42	NE
92	21773	2879.42	NE
92	2408947	2879.42	NE
92	5704	2879.42	NE
93	2407545	2901.56	SE
93	35484	2901.56	SE
93	35484	2901.56	SE
94	2093313	2962.42	N
95	2113391	2975.79	N
96	2135364	2933.14	NNE
97	78897	2952.89	SW
98	46912	2976.88	W
99	79266	2978.88	W
101	31624	3086.48	E
101	3890	3086.48	E
101	31624	3086.48	E
101	2409638	3086.48	E
101	3890	3086.48	E
102	46936	2997.02	SE
103	78943	3029.46	W
104	23132	3029.84	SE
105	62805	3036.13	SE
106	22567	3053.74	ESE
107	62806	3037.65	SE
109	36255	3072.65	ESE
111	36256	3078.06	ESE

111	36257	3078.06	ESE
112	36260	3077.06	ESE
113	36254	3080.93	SE
114	36259	3089.85	ESE
115	36258	3110.54	ESE
116	36261	3114.01	ESE
117	2186017	3152.30	N
118	2127511	3166.63	NNW
119	2104796	3206.90	N
120	2916	3283.42	E
121	4164	3202.05	NE
122	2094349	3225.03	SE
123	81295	3286.26	N
124	12324	3311.54	N
125	17808	3317.32	N
126	17832	3329.37	N
127	2088239	3332.91	N
128	23070	3351.27	N
129	2143268	3423.34	N
130	2219009	3467.27	NNE
131	2194864	3479.48	SE
132	29602	3486.38	SE
133	29603	3496.80	SE
134	2109073	3558.86	N
135	58456	3545.10	N
136	15234	3548.89	NNW
137	29601	3554.93	SE
138	75977	3631.00	N
139	29599	3580.86	SE
140	29600	3586.43	SE
141	15099	3636.70	N
142	15069	3646.89	N
143	2077789	3659.15	N
144	2935	3686.27	N
145	2196649	3660.38	NNE
146	2092675	3710.84	N
147	2203137	3693.02	NNW
148	86553	3729.26	N
149	20645	3701.85	NE
150	86513	3760.28	N
151	2159815	3730.28	SSE
152	2144549	3801.55	N
153	2220886	3800.89	NE
154	23439	3863.66	SSW
155	15313	3823.78	WSW
155	15389	3823.78	WSW
155	15396	3823.78	WSW
155	18241	3823.78	WSW
155	15315	3823.78	WSW
155	15391	3823.78	WSW
155	15316	3823.78	WSW
155	15390	3823.78	WSW
155	15312	3823.78	WSW
155	15395	3823.78	WSW
155	15314	3823.78	WSW
155	15388	3823.78	WSW
157	86531	3908.40	N
158	2170646	3937.80	ESE
159	2138884	3955.50	N
160	58617	3959.81	N
162	58816	3964.00	N
163	2005230	3969.69	N
163	2005052	3969.69	N
163	60381	3969.69	N
163	47320	3969.69	N
163	57329	3969.69	N

163	47508	3969.69	N
163	54864	3969.69	N
164	2171918	3944.17	NNW
165	23110	3987.83	N
166	59125	3993.20	N
167	35483	4009.34	SSW
167	35483	4009.34	SSW
167	2412239	4009.34	SSW
168	47991	3999.27	N
169	2089044	3980.09	NNE
170	71767	4010.92	N
171	12299	3972.99	SE
172	29308	4018.82	N
173	48002	4020.76	N
174	23061	4028.38	N
175	23105	4027.47	NNW
176	86639	4038.44	N
177	86508	4052.39	N
178	23051	4043.73	N
179	56120	4051.78	N
180	47986	4060.74	NNW
182	2090979	4112.16	NNE
183	2169789	4157.31	NNE
184	2152919	4324.77	E
185	82962	4265.59	NE
186	72997	4274.38	NE
187	23099	4346.96	S
188	44936	4353.41	S
189	44974	4369.46	S
190	79240	4340.50	NNE
191	2096230	4355.06	SE
192	55671	4403.46	NNW
193	2098317	4489.35	E
194	81316	4411.51	W
195	55573	4432.00	W
196	2218705	4440.75	SSE
197	44218	4449.31	SE
198	86714	4551.89	N
198	2168963	4551.89	N
199	57083	4528.93	SSE
200	80580	4629.47	E
201	2005291	4538.63	SSE
201	47191	4538.63	SSE
202	23256	4565.93	SSE
203	2077607	4581.39	W
204	55615	4626.14	N
204	52218	4626.14	N
205	26858	4630.23	N
206	76931	4668.44	E
207	73964	4645.63	N
208	26855	4645.83	N
209	2151797	4666.51	ENE
210	26856	4653.53	N
211	2180789	4667.51	ENE
212	15333	4637.84	NNE
213	2143219	4649.90	SSE
214	2138285	4652.49	SSE
215	2153934	4775.62	ENE
217	2080138	4790.97	WNW
218	79971	4857.53	ENE
219	2183896	4890.88	W
220	14986	4943.72	ESE
221	68377	4922.89	SSE
221	2101033	4922.89	SSE
222	17102	4990.32	SSW
223	47130	4949.15	NNE

Wells and Additional Sources Summary

224	20532	5000.04	SSW
225	17100	5005.20	SSW
226	15061	5037.39	ENE
227	25778	5122.75	NW
228	59823	5132.93	NW
229	68409	5218.87	NNE

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.10	552.87	825.29	PWSV

Address Line 2:	406 N HIGH ST PO BOX 10
State Code:	IA
Zip Code:	52205-0010
City Name:	ANAMOSA
Address Line 1:	ATTN STEVE LECLERE
PWS ID:	IA5300947
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	GW
Primary Source Desc:	Groundwater
PWS Activity Code:	A
PWS Activity Description:	Active
PWS Deactivation Date:	
Phone Number:	319-462-3504

--Details--

Population Served Count:	1725
City Served:	ANAMOSA
County Served:	Jones
State Served:	IA
Zip Code Served:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.33	1,718.14	835.31	PWSV

Address Line 2:	107 S FORD
State Code:	IA
Zip Code:	52205
City Name:	ANAMOSA
Address Line 1:	ATTN CITY CLERK CITY HALL
PWS ID:	IA5307048
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	GW
Primary Source Desc:	Groundwater
PWS Activity Code:	A
PWS Activity Description:	Active
PWS Deactivation Date:	
Phone Number:	319-462-3473

--Details--

Population Served Count: 4283
City Served: ANAMOSA
County Served: Jones
State Served: IA
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.10	552.87	825.29	SDWIS

PWS ID: IA5300947
PWS Type: Community water system
No of Facilities: 18
No of Violations: 4
No of Site Visits: 9
Cities Served: ANAMOSA
Counties Served: Jones
Population Served Count: 1,230
Primacy Agency: Iowa
EPA Region: Region 7

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SSE	0.33	1,718.14	835.31	SDWIS

PWS ID: IA5307048
PWS Type: Community water system
No of Facilities: 17
No of Violations: 18
No of Site Visits: 10
Cities Served: ANAMOSA
Counties Served: Jones
Population Served Count: 4,283
Primacy Agency: Iowa
EPA Region: Region 7

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	WSW	0.14	736.42	814.43	FED USGS

Site No: USGS-420644091173001
Site Type: Well
Formation Type: Prairie Du Chien Formation
Date Drilled: 1896
Well Depth: 2007

Well Depth Unit:	ft
Well Hole Depth:	2007
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03DAC 1896IA State Penitentiary
Latitude:	42.11222566000000
Longitude:	-91.2918262900000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	SSE	0.37	1,941.73	837.22	FED USGS

Site No:	USGS-420631091172001
Site Type:	Well
Formation Type:	Kankakee Formation
Date Drilled:	19550829
Well Depth:	405
Well Depth Unit:	ft
Well Hole Depth:	405
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03DDD 07306 1955Anamosa 2
Latitude:	42.10750380000000
Longitude:	-91.2851595000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	E	0.56	2,975.45	834.63	FED USGS

Site No:	USGS-420650091163601
Site Type:	Well
Formation Type:	Jordan Sandstone
Date Drilled:	19901001
Well Depth:	1475
Well Depth Unit:	ft
Well Hole Depth:	1475
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W02DBBB 31624 1990Anamosa 5
Latitude:	42.11388889000000
Longitude:	-91.2766667000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	NE	0.56	2,975.17	957.89	FED USGS

Site No:	USGS-420718091165401
Site Type:	Well

Formation Type: Trempealeau Group
Date Drilled: 19691101
Well Depth: 1640
Well Depth Unit: ft
Well Hole Depth: 1640
Well Hole Depth Unit: ft
Reporting Agency: USGS Iowa Water Science Center
Station Name: 084N04W02BABC 21773 1969Anamosa 4
Latitude: 42.12028120000000
Longitude: -91.2809920000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	WSW	0.58	3,070.08	775.13	FED USGS

Site No: USGS-05421720
Site Type: Stream
Formation Type:
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Iowa Water Science Center
Station Name: Buffalo Creek at Anamosa, IA
Latitude: 42.10833670000000
Longitude: -91.2987713000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
108	WSW	0.58	3,070.08	775.13	FED USGS

Site No: USGS-420630091175501
Site Type: Well
Formation Type: Holocene Alluvium
Date Drilled:
Well Depth: 35
Well Depth Unit: ft
Well Hole Depth:
Well Hole Depth Unit:
Reporting Agency: USGS Iowa Water Science Center
Station Name: 084N04W03CDD Men's Reformatory
Latitude: 42.10833670000000
Longitude: -91.2987713000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
156	WSW	0.73	3,856.90	825.24	FED USGS

Site No:	USGS-420639091181101
Site Type:	Well
Formation Type:	Pleistocene Series
Date Drilled:	
Well Depth:	85
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W03CCA 18241 1965State Men's Reformatory
Latitude:	42.11083649000000
Longitude:	-91.3032159000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
161	SSW	0.75	3,953.21	782.92	FED USGS

Site No:	USGS-420606091173001
Site Type:	Well
Formation Type:	Silurian System
Date Drilled:	1898
Well Depth:	350
Well Depth Unit:	ft
Well Hole Depth:	350
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACAD 1898Anamosa 1
Latitude:	42.10194826000000
Longitude:	-91.2918267000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
216	SSW	0.91	4,789.28	778.08	FED USGS

Site No:	USGS-420603091174701
Site Type:	Well
Formation Type:	Cambrian, Upper
Date Drilled:	1898
Well Depth:	1754
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACC 1898Anamosa 1, 1898-1950?
Latitude:	42.10083705000000
Longitude:	-91.2965493000000

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
216	SSW	0.91	4,789.28	778.08	FED USGS

Site No:	USGS-420603091174711
Site Type:	Well
Formation Type:	Silurian System
Date Drilled:	1898
Well Depth:	350
Well Depth Unit:	ft
Well Hole Depth:	
Well Hole Depth Unit:	
Reporting Agency:	USGS Iowa Water Science Center
Station Name:	084N04W10ACC 1898Anamosa 1, 1950?-
Latitude:	42.10083705000000
Longitude:	-91.2965493000000

Public Water Supply Wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	SSW	0.09	487.68	828.90	PWSW

Prog ID:	IA5300947	Zip:	52205
Loc ID:	20000247994	County:	Jones
PWS Type:	Community	Latitude:	42.11145
Status:	Active	Longitude:	-91.28952

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SSW	0.19	1,007.79	823.41	PWSW

Prog ID:	IA5300947	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.11
Status:		Longitude:	-91.29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SSE	0.29	1,551.10	833.29	PWSW

Prog ID:	IA5307048	Zip:	52205
Loc ID:	20000128733	County:	Jones
PWS Type:	Community	Latitude:	42.10852
Status:	Active	Longitude:	-91.28562

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	ESE	0.43	2,259.13	877.13	PWSW

Prog ID:	IA5307048	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.11
Status:		Longitude:	-91.28

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
110	NE	0.58	3,069.06	910.77	PWSW

Prog ID:	IA5307048	Zip:	
Loc ID:		County:	
PWS Type:	Community	Latitude:	42.12
Status:		Longitude:	-91.28

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
181	ESE	0.79	4,145.36	857.49	PWSW

Prog ID:	IA5790501	Zip:	52205
Loc ID:	20000313787	County:	Linn
PWS Type:	Non-Transient Non-Community	Latitude:	42.10934
Status:	Inactive	Longitude:	-91.27294

Water Well Database

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SW	0.01	66.52	866.89	WATER WELLS

Well ID:	15178	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351140
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	55	Latitude:	42.1126336379116
Elevation (Ft.):		Longitude:	-91.2891999922871
Layer:		Xcoord:	641436.41
Completed date:	unkn	Ycoord:	4663698.16
Location:	T84N, R4W, Sec. 3, SE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Benson, Pam		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.01	68.13	864.69	WATER WELLS

Well ID:	15067	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351136

Wells and Additional Sources Detail Report

Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	55	Latitude:	42.1126461042141
Elevation (Ft.):		Longitude:	-91.2892689643275
Layer:		Xcoord:	641430.68
Completed date:	unkn	Ycoord:	4663699.43
Location:	T84N, R4W, Sec. 3, SE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Benson, Pam		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SW	0.10	528.08	821.50	WATER WELLS

Well ID:	30861	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351070
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	2007	Latitude:	42.1117230414303
Elevation (Ft.):		Longitude:	-91.2904389813151
Layer:		Xcoord:	641336.0
Completed date:	NULL	Ycoord:	4663595.0
Location:	T84N, R4W, 3, SE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 78 Well Type: Public Supply		
Owner Name:	State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/30861/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	797	Object ID:	345460
Well Type:	Water Use Permit Wells	Map ID:	345460
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137781321172
Elevation (Ft.):		Longitude:	-91.2923674406651
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84N, R4, S3, SE, NW	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2036 Well #3 (2008)		
Owner Name:	ANAMOSA STATE PENITENTIARY ( )		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	66896	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350815
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137781321172
Elevation (Ft.):		Longitude:	-91.2923674406651
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84N, R4W, 3, SE NW NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 72 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/66896/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	2587438	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350814
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.113780999811
Elevation (Ft.):		Longitude:	-91.2923659992635
Layer:		Xcoord:	641172.112739
Completed date:		Ycoord:	4663820.32082
Location:	T84N, R4W, S3 SE NW NE	Est Loc Accuracy:	Map +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Active		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.16	864.60	836.07	WATER WELLS

Well ID:	797	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	350812
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1456	Latitude:	42.1137800002435
Elevation (Ft.):		Longitude:	-91.2923699995562
Layer:		Xcoord:	641172.0
Completed date:	12/4/2008	Ycoord:	4663820.0
Location:	T84NR04WS03	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2036 Well #3 (2008)		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	S	0.19	978.02	832.63	WATER WELLS

Well ID:	59103	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351425
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098143162635
Elevation (Ft.):		Longitude:	-91.2880128677904
Layer:		Xcoord:	641540.83
Completed date:	unkn	Ycoord:	4663387.08
Location:	T84N, R4W, Sec. 3, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Dispatchers Bathroom		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	S	0.19	977.53	833.07	WATER WELLS

Well ID:	59102	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351436
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098185149008
Elevation (Ft.):		Longitude:	-91.2878959171701
Layer:		Xcoord:	641550.49
Completed date:	unkn	Ycoord:	4663387.74
Location:	T84N, R4W, Sec. 3, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Community Room Sink		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SSW	0.20	1,077.65	824.91	WATER WELLS

Well ID:	46263	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351158
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	29	Latitude:	42.1099181676844
Elevation (Ft.):		Longitude:	-91.290344651422
Layer:		Xcoord:	641347.81
Completed date:	n.a.	Ycoord:	4663394.75
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		

Owner Name: Lampbell, George
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SSW	0.21	1,085.29	823.79	WATER WELLS

Well ID:	46266	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351151
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	11	Latitude:	42.1099330227322
Elevation (Ft.):		Longitude:	-91.2904349647313
Layer:		Xcoord:	641340.31
Completed date:	n.a.	Ycoord:	4663396.25
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SSW	0.21	1,088.08	825.75	WATER WELLS

Well ID:	46262	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351168
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098682880836
Elevation (Ft.):		Longitude:	-91.2903032968007
Layer:		Xcoord:	641351.34
Completed date:	n.a.	Ycoord:	4663389.28
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: not reported		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SSW	0.21	1,094.54	822.49	WATER WELLS

Well ID:	46267	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351145
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	28	Latitude:	42.10993533887
Elevation (Ft.):		Longitude:	-91.2905057792631
Layer:		Xcoord:	641334.45
Completed date:	n.a.	Ycoord:	4663396.39

Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SSW	0.21	1,097.63	825.75	WATER WELLS

Well ID:	46268	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351167
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	27	Latitude:	42.109846052169
Elevation (Ft.):		Longitude:	-91.2903220369991
Layer:		Xcoord:	641349.84
Completed date:	n.a.	Ycoord:	4663386.78
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SSW	0.21	1,100.74	825.75	WATER WELLS

Well ID:	46270	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351161
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	13	Latitude:	42.1098495040744
Elevation (Ft.):		Longitude:	-91.2903542378576
Layer:		Xcoord:	641347.17
Completed date:	n.a.	Ycoord:	4663387.11
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	SSW	0.21	1,108.69	826.32	WATER WELLS

Well ID:	46265	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351152
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1098666566378

Elevation (Ft.):		Longitude:	-91.2904536815211
Layer:		Xcoord:	641338.91
Completed date:	n.a.	Ycoord:	4663388.85
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSW	0.21	1,120.41	822.91	WATER WELLS

Well ID:	46269	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351149
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	10	Latitude:	42.1098502545853
Elevation (Ft.):		Longitude:	-91.2905012928636
Layer:		Xcoord:	641335.01
Completed date:	n.a.	Ycoord:	4663386.95
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SSW	0.21	1,119.33	826.26	WATER WELLS

Well ID:	46260	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351169
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	17	Latitude:	42.1097836561265
Elevation (Ft.):		Longitude:	-91.290335204422
Layer:		Xcoord:	641348.89
Completed date:	n.a.	Ycoord:	4663379.83
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Campbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.21	1,124.55	822.91	WATER WELLS

Well ID:	44972	Object ID:	0

Well Type:	Wells registered for testing	Map ID:	351147
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098454942543
Elevation (Ft.):		Longitude:	-91.2905202890026
Layer:		Xcoord:	641333.45
Completed date:	unkn	Ycoord:	4663386.39
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Community Room		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SSW	0.21	1,121.97	825.85	WATER WELLS

Well ID:	46261	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351163
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	22	Latitude:	42.1097943497781
Elevation (Ft.):		Longitude:	-91.2903819664839
Layer:		Xcoord:	641345.0
Completed date:	n.a.	Ycoord:	4663380.94
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SSW	0.21	1,129.15	825.85	WATER WELLS

Well ID:	46259	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351157
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	18	Latitude:	42.1097930413495
Elevation (Ft.):		Longitude:	-91.2904331634495
Layer:		Xcoord:	641340.77
Completed date:	n.a.	Ycoord:	4663380.71
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SSW	0.22	1,137.71	822.17	WATER WELLS

Well ID:	46264	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351153
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	23	Latitude:	42.1097892626509
Elevation (Ft.):		Longitude:	-91.2904878134031
Layer:		Xcoord:	641336.26
Completed date:	n.a.	Ycoord:	4663380.2
Location:	T84N, R4W, Sec. 3, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Lampbell, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	ENE	0.27	1,408.48	877.54	WATER WELLS

Well ID:	4762	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351615
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1154755716866
Elevation (Ft.):		Longitude:	-91.2829655523854
Layer:		Xcoord:	641945.5
Completed date:	n.a.	Ycoord:	4664024.06
Location:	T84N, R4W, Sec. 2, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/19/1991; Well type: < 18" dia.		
Owner Name:	Oltmann, Fay		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ENE	0.27	1,433.49	873.75	WATER WELLS

Well ID:	6925	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351622
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.115459113677
Elevation (Ft.):		Longitude:	-91.2828527776349
Layer:		Xcoord:	641954.86
Completed date:	n.a.	Ycoord:	4664022.42
Location:	T84N, R4W, Sec. 2, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/19/1991; Well type: < 18" dia.		
Owner Name:	Oltmann, Fay W		
Well Doc Link:	no hyperlink		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SW	0.28	1,474.36	806.04	WATER WELLS

Well ID:	16973	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350971
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	81	Latitude:	42.1098848129773
Elevation (Ft.):		Longitude:	-91.2929066654198
Layer:		Xcoord:	641136.06
Completed date:	n.a.	Ycoord:	4663386.81
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 5/4/1994; Well type: < 18" dia.		
Owner Name:	Roe, Lee		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	S	0.28	1,498.32	821.38	WATER WELLS

Well ID:	2121449	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351480
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1083800002934
Elevation (Ft.):		Longitude:	-91.2882500000027
Layer:		Xcoord:	641524.415602
Completed date:		Ycoord:	4663227.42627
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	KNUTH, ADRIAN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2121449&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SW	0.28	1,492.61	807.45	WATER WELLS

Well ID:	20379	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350973
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1098107604092
Elevation (Ft.):		Longitude:	-91.2928990978775
Layer:		Xcoord:	641136.85
Completed date:	unkn	Ycoord:	4663378.6
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.

Well ID Source field: recordno
Other Information: Drilling method: Drilled;
Owner Name: Jones County Jail
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	N	0.30	1,560.15	871.72	WATER WELLS

Well ID: 2099417
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 185
Elevation (Ft.):
Layer:
Completed date: 4/13/2004
Location: T84N, R4W, S3
Well ID Source field: wellnmbr
Other Information: Status: Active
Owner Name: WERDERMAN, MARK
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2099417&reportName=WellPrintout
Object ID: 0
Map ID: 350929
County: Jones
Latitude: 42.1180799999962
Longitude: -91.2891199993942
Xcoord: 641430.909651
Ycoord: 4664303.0356
Est Loc Accuracy: nom. +/- 25m.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ENE	0.34	1,778.71	871.32	WATER WELLS

Well ID: 2115277
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 100
Elevation (Ft.):
Layer:
Completed date: 1/1/1950
Location: T84N, R4W, S2
Well ID Source field: wellnmbr
Other Information: Status: Plugged
Owner Name: CASPERS, RANDY
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2115277&reportName=WellPrintout
Object ID: 0
Map ID: 351709
County: Jones
Latitude: 42.115772060818
Longitude: -91.2816456597544
Xcoord: 642053.95518
Ycoord: 4664059.17548
Est Loc Accuracy: nom. +/- 25m.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	W	0.34	1,775.46	792.65	WATER WELLS

Well ID: 2115336
Well Type: Private well tracking system
Well Type Abbrev: PWTS
Well Depth (Ft.): 225
Object ID: 0
Map ID: 350535
County: Jones
Latitude: 42.1121723794011

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Elevation (Ft.):		Longitude:	-91.2957447064822
Layer:		Xcoord:	640896.346528
Completed date:	1/1/1973	Ycoord:	4663636.12688
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	OLDHAM, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2115336&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	2587439	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350433
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175400002612
Elevation (Ft.):		Longitude:	-91.2936349993832
Layer:		Xcoord:	641058.86115
Completed date:		Ycoord:	4664235.60897
Location:	T84N, R4W, S3 NE SW NE	Est Loc Accuracy:	Map +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Standby		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	66897	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350432
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175434952662
Elevation (Ft.):		Longitude:	-91.2936332266058
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84N, R4W, 3, NE SW NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 123 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/66897/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

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Well ID:	702	Object ID:	345102
Well Type:	Water Use Permit Wells	Map ID:	345102
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175434952662
Elevation (Ft.):		Longitude:	-91.2936332266058
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84N, R04, S03, NE,	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2036 Well #4		
Owner Name:	ANAMOSA STATE PENITENTIARY ( )		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	NW	0.36	1,893.59	934.10	WATER WELLS

Well ID:	702	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	350434
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1555	Latitude:	42.1175399997445
Elevation (Ft.):		Longitude:	-91.2936299999285
Layer:		Xcoord:	641059.0
Completed date:	1/12/2009	Ycoord:	4664236.0
Location:	T84NR04WS03	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2036 Well #4		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SW	0.36	1,916.52	792.74	WATER WELLS

Well ID:	6970	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350903
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1090378790759
Elevation (Ft.):		Longitude:	-91.2940750196687
Layer:		Xcoord:	641041.34
Completed date:	n.a.	Ycoord:	4663290.84
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #19		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	SW	0.37	1,929.87	792.63	WATER WELLS

Well ID:	6957	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350915
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	17	Latitude:	42.108977152175
Elevation (Ft.):		Longitude:	-91.2940611669696
Layer:		Xcoord:	641042.62
Completed date:	n.a.	Ycoord:	4663284.12
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #5		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	SW	0.37	1,930.54	792.74	WATER WELLS

Well ID:	6964	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350906
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089890728299
Elevation (Ft.):		Longitude:	-91.2940815294273
Layer:		Xcoord:	641040.91
Completed date:	n.a.	Ycoord:	4663285.41
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #13		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SW	0.37	1,936.10	793.16	WATER WELLS

Well ID:	6962	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350879
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.10903729142
Elevation (Ft.):		Longitude:	-91.2941869127549
Layer:		Xcoord:	641032.09
Completed date:	n.a.	Ycoord:	4663290.59
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #11		

Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	SW	0.37	1,936.10	793.16	WATER WELLS

Well ID:	6968	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350881
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	16	Latitude:	42.1090442613701
Elevation (Ft.):		Longitude:	-91.2941771709041
Layer:		Xcoord:	641032.88
Completed date:	n.a.	Ycoord:	4663291.38
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #17		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SW	0.37	1,939.69	792.90	WATER WELLS

Well ID:	6958	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350907
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	23	Latitude:	42.1089628627157
Elevation (Ft.):		Longitude:	-91.29409348057
Layer:		Xcoord:	641039.98
Completed date:	n.a.	Ycoord:	4663282.48
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #7		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	SW	0.37	1,942.42	792.90	WATER WELLS

Well ID:	6967	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350898
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	22	Latitude:	42.1089797307388
Elevation (Ft.):		Longitude:	-91.2941316107003
Layer:		Xcoord:	641036.79
Completed date:	n.a.	Ycoord:	4663284.29
Location:	T84N, R4W, Sec. 3, SE, SW, NE	Est Loc Accuracy:	Calc. +/- 285m.

Well ID Source field:	recordno
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.
Owner Name:	Caseys, Bh #16
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	SW	0.37	1,941.44	793.16	WATER WELLS

Well ID:	6956	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350876
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1090440948728
Elevation (Ft.):		Longitude:	-91.294214427499
Layer:		Xcoord:	641029.8
Completed date:	n.a.	Ycoord:	4663291.3
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #3		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SW	0.37	1,948.74	792.63	WATER WELLS

Well ID:	6959	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350921
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	25	Latitude:	42.1088975380092
Elevation (Ft.):		Longitude:	-91.294049030338
Layer:		Xcoord:	641043.8
Completed date:	n.a.	Ycoord:	4663275.3
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #8		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.90	WATER WELLS

Well ID:	6965	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350917
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089039003584
Elevation (Ft.):		Longitude:	-91.2940771615785

Layer:		Xcoord:	641041.46
Completed date:	n.a.	Ycoord:	4663275.96
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #14		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.63	WATER WELLS

Well ID:	6969	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350918
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.108909546893
Elevation (Ft.):		Longitude:	-91.2940692694539
Layer:		Xcoord:	641042.1
Completed date:	n.a.	Ycoord:	4663276.6
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #18		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SW	0.37	1,950.21	792.63	WATER WELLS

Well ID:	6966	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350919
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	24	Latitude:	42.1089055733411
Elevation (Ft.):		Longitude:	-91.2940624819763
Layer:		Xcoord:	641042.67
Completed date:	n.a.	Ycoord:	4663276.17
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #15		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	SW	0.37	1,953.43	794.10	WATER WELLS

Well ID:	6960	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350889

Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	30	Latitude:	42.1089676502612
Elevation (Ft.):		Longitude:	-91.2941731780661
Layer:		Xcoord:	641033.38
Completed date:	n.a.	Ycoord:	4663282.88
Location:	T84N, R4W, Sec. 3, SE, SW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #9		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	SW	0.37	1,956.88	792.90	WATER WELLS

Well ID:	6961	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350909
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1089125599343
Elevation (Ft.):		Longitude:	-91.2941144232795
Layer:		Xcoord:	641038.36
Completed date:	n.a.	Ycoord:	4663276.86
Location:	T84N, R4W, Sec. 3, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #10		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	SW	0.37	1,979.36	794.10	WATER WELLS

Well ID:	6963	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350887
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	18	Latitude:	42.1089005842869
Elevation (Ft.):		Longitude:	-91.2942175504265
Layer:		Xcoord:	641029.86
Completed date:	n.a.	Ycoord:	4663275.36
Location:	T84N, R4W, Sec. 3, SE, SW, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 11/4/1992; Well type: < 18" dia.		
Owner Name:	Caseys, Bh #12		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	NNW	0.39	2,038.45	923.12	WATER WELLS

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Well ID:	79271	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350722
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1192723711425
Elevation (Ft.):		Longitude:	-91.290377672199
Layer:		Xcoord:	641324.29
Completed date:	1990	Ycoord:	4664433.35
Location:	T84N, R4W, Sec. 3, NE, NE, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	2413050	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351801
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.1073300002227
Elevation (Ft.):		Longitude:	-91.2848499998036
Layer:		Xcoord:	641807.870984
Completed date:	1/1/1955	Ycoord:	4663116.47717
Location:	T84N, R4W, S2 SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	7306	Object ID:	346404;346405
Well Type:	IGS Well Database	Map ID:	346404;346405
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.107325680934
Elevation (Ft.):		Longitude:	-91.2848485560741
Layer:		Xcoord:	641808.0
Completed date:	8/29/1955	Ycoord:	4663116.0
Location:	T84N, R4W, 2, SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 60 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/7306/general-information		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	SSE	0.38	2,031.89	845.36	WATER WELLS

Well ID:	7306	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351803
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	405	Latitude:	42.107325680934
Elevation (Ft.):		Longitude:	-91.2848485560741
Layer:		Xcoord:	641808.0
Completed date:	8/29/1955	Ycoord:	4663116.0
Location:	T84N, R4W, 2, SW SW SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 60 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/7306/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	WNW	0.39	2,073.95	833.92	WATER WELLS

Well ID:	27676	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350252
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1146499384817
Elevation (Ft.):		Longitude:	-91.2966696509606
Layer:		Xcoord:	640814.39
Completed date:	unkn	Ycoord:	4663909.7
Location:	T84N, R4W, Sec. 3, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 1135m.
Well ID Source field:	recordno		
Other Information:	Primary use: household		
Owner Name:	Boone		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	SE	0.39	2,049.65	826.98	WATER WELLS

Well ID:	16858	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351936
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079947322949
Elevation (Ft.):		Longitude:	-91.283107876109
Layer:		Xcoord:	641950.43
Completed date:	n.a.	Ycoord:	4663193.18
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		

Owner Name: Brady, Norma
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	SE	0.39	2,059.62	826.98	WATER WELLS

Well ID:	16856	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351937
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079648093506
Elevation (Ft.):		Longitude:	-91.2831003384746
Layer:		Xcoord:	641951.12
Completed date:	n.a.	Ycoord:	4663189.87
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 6/9/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	SE	0.39	2,066.47	826.90	WATER WELLS

Well ID:	16857	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351939
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	35	Latitude:	42.1079518282074
Elevation (Ft.):		Longitude:	-91.2830814583904
Layer:		Xcoord:	641952.71
Completed date:	n.a.	Ycoord:	4663188.46
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/14/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	SE	0.39	2,074.01	826.90	WATER WELLS

Well ID:	16854	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351941
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079287023315
Elevation (Ft.):		Longitude:	-91.2830767609638
Layer:		Xcoord:	641953.15
Completed date:	n.a.	Ycoord:	4663185.9

Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	SE	0.39	2,081.85	826.90	WATER WELLS

Well ID:	16853	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351944
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079011657028
Elevation (Ft.):		Longitude:	-91.2830782299065
Layer:		Xcoord:	641953.09
Completed date:	n.a.	Ycoord:	4663182.84
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/30/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.40	2,088.05	826.47	WATER WELLS

Well ID:	16855	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351954
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079074991285
Elevation (Ft.):		Longitude:	-91.2830200047611
Layer:		Xcoord:	641957.89
Completed date:	n.a.	Ycoord:	4663183.64
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	SE	0.40	2,088.05	826.47	WATER WELLS

Well ID:	16850	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351951
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1079175601542

Elevation (Ft.):		Longitude:	-91.283018281831
Layer:		Xcoord:	641958.01
Completed date:	n.a.	Ycoord:	4663184.76
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/30/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	SE	0.40	2,101.47	826.76	WATER WELLS

Well ID:	16859	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351952
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	40	Latitude:	42.1078470537872
Elevation (Ft.):		Longitude:	-91.2830551384219
Layer:		Xcoord:	641955.12
Completed date:	n.a.	Ycoord:	4663176.87
Location:	T84N, R4W, Sec. 2, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 3/31/1994; Well type: Sandpoint		
Owner Name:	Brady, Norma		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	E	0.42	2,241.75	894.34	WATER WELLS

Well ID:	74513	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352059
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1126371206532
Elevation (Ft.):		Longitude:	-91.2793526900628
Layer:		Xcoord:	642250.53
Completed date:	unkn	Ycoord:	4663714.9
Location:	T84N, R4W, Sec. 2, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	E	0.43	2,247.31	890.62	WATER WELLS

Well ID:	76414	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Wells registered for testing	Map ID:	352069
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1125467337405
Elevation (Ft.):		Longitude:	-91.279330944463
Layer:		Xcoord:	642252.53
Completed date:	unkn	Ycoord:	4663704.9
Location:	T84N, R4W, Sec. 2, SW, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	NNE	0.41	2,170.91	871.27	WATER WELLS

Well ID:	2077673	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351148
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1195122582911
Elevation (Ft.):		Longitude:	-91.2854356139693
Layer:		Xcoord:	641732.298202
Completed date:	3/21/2002	Ycoord:	4664468.17621
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	CASPER, RANDY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077673&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	E	0.44	2,299.69	893.33	WATER WELLS

Well ID:	71754	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352089
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1125960822599
Elevation (Ft.):		Longitude:	-91.2791385002117
Layer:		Xcoord:	642268.33
Completed date:	unkn	Ycoord:	4663710.7
Location:	T84N, R4W, Sec. 2, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Monsanto		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	N	0.44	2,298.94	894.27	WATER WELLS

Well ID:	2379	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350808
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1201089074564
Elevation (Ft.):		Longitude:	-91.2891549196862
Layer:		Xcoord:	641423.51
Completed date:	1990	Ycoord:	4664528.26
Location:	T84N, R4W, Sec. 3, NE, NE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	N	0.44	2,307.40	888.14	WATER WELLS

Well ID:	79463	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350792
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1201274806353
Elevation (Ft.):		Longitude:	-91.2892770830324
Layer:		Xcoord:	641413.37
Completed date:	1990	Ycoord:	4664530.12
Location:	T84N, R4W, Sec. 3, NE, NE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rickels, Doug		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	N	0.44	2,319.85	879.39	WATER WELLS

Well ID:	2129188	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350850
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1201723691352
Elevation (Ft.):		Longitude:	-91.2887454573492
Layer:		Xcoord:	641457.217159
Completed date:	8/11/1994	Ycoord:	4664535.98466
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MIKKELSEN, DAVID		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2129188&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	N	0.44	2,320.62	893.83	WATER WELLS

Well ID:	13961	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350799
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1201669959564
Elevation (Ft.):		Longitude:	-91.2891971476485
Layer:		Xcoord:	641419.89
Completed date:	6/07/1990	Ycoord:	4664534.64
Location:	T84N, R4W, Sec. 3, NE, NE, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Primary use: Domestic/household		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	W	0.44	2,304.87	805.21	WATER WELLS

Well ID:	57086	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350203
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.113641409712
Elevation (Ft.):		Longitude:	-91.2977538294047
Layer:		Xcoord:	640726.99
Completed date:	1973	Ycoord:	4663795.93
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.44	2,318.00	804.81	WATER WELLS

Well ID:	79380	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350198
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136137081451
Elevation (Ft.):		Longitude:	-91.2978048890674
Layer:		Xcoord:	640722.83
Completed date:	1973	Ycoord:	4663792.77

Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Caspers, Karen		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	W	0.44	2,319.14	805.56	WATER WELLS

Well ID:	57085	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350186
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1137246498419
Elevation (Ft.):		Longitude:	-91.2977979280467
Layer:		Xcoord:	640723.16
Completed date:	1973	Ycoord:	4663805.1
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	W	0.44	2,331.02	804.81	WATER WELLS

Well ID:	57084	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350185
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136335777872
Elevation (Ft.):		Longitude:	-91.2978511676929
Layer:		Xcoord:	640718.96
Completed date:	1973	Ycoord:	4663794.9
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Oldham, David		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	E	0.46	2,429.01	884.57	WATER WELLS

Well ID:	2222940	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352118
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	102	Latitude:	42.1131281501796

Elevation (Ft.):		Longitude:	-91.2786697350322
Layer:		Xcoord:	642305.894659
Completed date:	6/8/2022	Ycoord:	4663770.55971
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	KLEPPE, GALE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2222940&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	NNW	0.44	2,340.73	870.62	WATER WELLS

Well ID:	2113872	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350402
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1194724693945
Elevation (Ft.):		Longitude:	-91.2928451962255
Layer:		Xcoord:	641119.864164
Completed date:	1/1/1992	Ycoord:	4664451.4878
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	DELAGARDELLE, RICHARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2113872&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	W	0.44	2,341.04	805.23	WATER WELLS

Well ID:	44886	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350172
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1137770061558
Elevation (Ft.):		Longitude:	-91.2978728508716
Layer:		Xcoord:	640716.85
Completed date:	1973	Ycoord:	4663810.79
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Knapp, Kevin		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	W	0.45	2,350.16	804.54	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	44885	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350174
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	225	Latitude:	42.1136550414427
Elevation (Ft.):		Longitude:	-91.2979199017374
Layer:		Xcoord:	640713.23
Completed date:	1973	Ycoord:	4663797.17
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Knapp, Kevin		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	ENE	0.46	2,412.88	915.48	WATER WELLS

Well ID:	2167711	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351819
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	176	Latitude:	42.1167130007864
Elevation (Ft.):		Longitude:	-91.2796569943299
Layer:		Xcoord:	642216.256006
Completed date:	1/1/1940	Ycoord:	4664166.96353
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	HANLON, WILLIAM		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2167711&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	N	0.48	2,540.67	894.11	WATER WELLS

Well ID:	2035986	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350852
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1207723717468
Elevation (Ft.):		Longitude:	-91.2883455069278
Layer:		Xcoord:	641488.943986
Completed date:	6/17/1996	Ycoord:	4664603.26929
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	FLECKENSTEIN, KATIE/BRAD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2035986&reportName=WellPrintout		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	SW	0.48	2,523.08	822.17	WATER WELLS

Well ID:	2143595	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350729
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1082320006
Elevation (Ft.):		Longitude:	-91.2961299938937
Layer:		Xcoord:	640873.219869
Completed date:	1/1/1950	Ycoord:	4663197.96745
Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	STATE OF IOWA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143595&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	SSE	0.49	2,578.22	862.85	WATER WELLS

Well ID:	2109565	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351807
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1055719352758
Elevation (Ft.):		Longitude:	-91.2857449746536
Layer:		Xcoord:	641737.789916
Completed date:	1/1/1950	Ycoord:	4662919.78328
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	UNITED STATES POSTAL SERVICE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2109565&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	N	0.50	2,651.48	905.84	WATER WELLS

Well ID:	58687	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350871
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	185	Latitude:	42.1210702461096
Elevation (Ft.):		Longitude:	-91.2879497020577
Layer:		Xcoord:	641521.0
Completed date:	4/13/2004	Ycoord:	4664637.0
Location:	T84N, R4W, 3, NE NE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		

Other Information:	Bedrock Depth: 55 Well Type: Private
Owner Name:	Weberman, Mark
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/58687/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	N	0.50	2,651.48	905.84	WATER WELLS

Well ID:	65211	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350872
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1210674858189
Elevation (Ft.):		Longitude:	-91.2879457843324
Layer:		Xcoord:	641521.33
Completed date:	unkn	Ycoord:	4664636.7
Location:	T84N, R4W, Sec. 3, NE, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Lincoln, Robert		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	W	0.50	2,647.20	781.99	WATER WELLS

Well ID:	2930	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350121
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1126782339324
Elevation (Ft.):		Longitude:	-91.2990305304323
Layer:		Xcoord:	640623.57
Completed date:	unkn	Ycoord:	4663686.88
Location:	T84N, R4W, Sec. 3, SW, NE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Deutmeyer, Pat		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	W	0.50	2,648.60	794.34	WATER WELLS

Well ID:	78813	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350110
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1128126568194
Elevation (Ft.):		Longitude:	-91.2990401193937
Layer:		Xcoord:	640622.48

Completed date:	unkn	Ycoord:	4663701.79
Location:	T84N, R4W, Sec. 3, SW, NE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Peck, Bertha		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	SSE	0.50	2,638.50	856.45	WATER WELLS

Well ID:	23107	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352041
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	75	Latitude:	42.1061139872504
Elevation (Ft.):		Longitude:	-91.2830534174908
Layer:		Xcoord:	641959.13
Completed date:	10/08/1996	Ycoord:	4662984.44
Location:	T84N, R4W, Sec. 11, NW, NW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Hamre		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.50	2,658.50	855.21	WATER WELLS

Well ID:	2007657	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352043
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060544351089
Elevation (Ft.):		Longitude:	-91.2830458755165
Layer:		Xcoord:	641959.886515
Completed date:	10/7/1996	Ycoord:	4662977.84011
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	JENSEN, REYNOLDS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2007657&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	SSE	0.50	2,658.50	855.21	WATER WELLS

Well ID:	43671	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352044

Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.106055854064
Elevation (Ft.):		Longitude:	-91.2830444645183
Layer:		Xcoord:	641960.0
Completed date:	10/7/1996	Ycoord:	4662978.0
Location:	T84N, R4W, 11, NW NW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 45 Well Type: Private		
Owner Name:	Jensen, Reynolds		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/43671/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	NNE	0.51	2,712.42	932.59	WATER WELLS

Well ID:	55878	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351077
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.121051227229
Elevation (Ft.):		Longitude:	-91.2854703029661
Layer:		Xcoord:	641726.0
Completed date:	3/21/2002	Ycoord:	4664639.0
Location:	T84N, R4W, 2, NW NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 138 Well Type: Private		
Owner Name:	Caspers, Randy		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55878/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	N	0.52	2,762.75	911.58	WATER WELLS

Well ID:	2038847	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350866
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	235	Latitude:	42.1213723718504
Elevation (Ft.):		Longitude:	-91.2878455619367
Layer:		Xcoord:	641528.936101
Completed date:	9/19/2001	Ycoord:	4664670.71947
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	KOOB, WESLEY & DAWN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2038847&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	WSW	0.51	2,717.32	781.64	WATER WELLS

Well ID:	49723	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350258
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	84	Latitude:	42.1105319772047
Elevation (Ft.):		Longitude:	-91.2987682554281
Layer:		Xcoord:	640650.0
Completed date:	1/1/1966	Ycoord:	4663449.0
Location:	T84N, R4W, 3, SW SE NE	Est Loc Accuracy:	Meas. +/- 230 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/49723/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	WSW	0.51	2,717.32	781.64	WATER WELLS

Well ID:	2407728	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350259
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	84	Latitude:	42.1105339998995
Elevation (Ft.):		Longitude:	-91.2987639994766
Layer:		Xcoord:	640650.347357
Completed date:	1/1/1966	Ycoord:	4663449.23161
Location:	T84N, R4W, S3 SW SE NE	Est Loc Accuracy:	Meas. +/- 230'
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Plugged		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	SSE	0.52	2,726.80	872.84	WATER WELLS

Well ID:	74484	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351923
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1053593494739
Elevation (Ft.):		Longitude:	-91.2846475955606
Layer:		Xcoord:	641829.0
Completed date:	4/26/2012	Ycoord:	4662898.0
Location:	T84N, R4W, 11, NW NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 36 Well Type: Heat Pump		
Owner Name:	Patnode, Cj		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/74484/general-information		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	W	0.52	2,765.29	779.72	WATER WELLS

Well ID:	49722	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350132
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	37	Latitude:	42.1117022652184
Elevation (Ft.):		Longitude:	-91.2993417200139
Layer:		Xcoord:	640600.0
Completed date:	1/1/1932	Ycoord:	4663578.0
Location:	T84N, R4W, 3, SW NE SW	Est Loc Accuracy:	Meas. +/- 230 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa State Penitentiary		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/49722/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	W	0.52	2,765.29	779.72	WATER WELLS

Well ID:	2409493	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	350135
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	37	Latitude:	42.1117050002188
Elevation (Ft.):		Longitude:	-91.2993359995589
Layer:		Xcoord:	640600.466864
Completed date:	1/1/1930	Ycoord:	4663578.31307
Location:	T84N, R4W, S3 SW NE SW	Est Loc Accuracy:	Meas. +/- 230'
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5300947 STATUS: Plugged		
Owner Name:	ANAMOSA STATE PENITENTIARY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	NE	0.53	2,788.00	934.22	WATER WELLS

Well ID:	95918	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351727
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1651	Latitude:	42.1187144504898
Elevation (Ft.):		Longitude:	-91.2797752944877
Layer:		Xcoord:	642202.0
Completed date:	12/16/2021	Ycoord:	4664389.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		

Other Information:	Bedrock Depth: 159 Well Type: Public Supply
Owner Name:	Anamosa, City of
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/95918/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	NE	0.53	2,788.00	934.22	WATER WELLS

Well ID:	2592286	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351728
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1651	Latitude:	42.118710999797
Elevation (Ft.):		Longitude:	-91.2797709991683
Layer:		Xcoord:	642202.362731
Completed date:		Ycoord:	4664388.62402
Location:	T84N, R4W, S2 NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Active		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	ESE	0.54	2,855.23	815.82	WATER WELLS

Well ID:	2207813	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352339
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	69	Latitude:	42.1104359712312
Elevation (Ft.):		Longitude:	-91.2774653639509
Layer:		Xcoord:	642411.493866
Completed date:	1/1/1950	Ycoord:	4663473.63778
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	REDMOND, EDWARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2207813&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	21773	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351582
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936664

Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/21773/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	5704	Object ID:	346181
Well Type:	Water Use Permit Wells	Map ID:	346181
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936663
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4, S2, NW, NE	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2577 Well #4 (1969)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	21773	Object ID:	346182;346183
Well Type:	IGS Well Database	Map ID:	346182;346183
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.1199300795847
Elevation (Ft.):		Longitude:	-91.2809641936663
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84N, R4W, 2, NW NE SW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/21773/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	2408947	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351585

Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.11992999962
Elevation (Ft.):		Longitude:	-91.28095999941
Layer:		Xcoord:	642101.34685
Completed date:	1/1/1969	Ycoord:	4664521.99814
Location:	T84N, R4W, S2 NW NE SW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Standby		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.55	2,879.42	948.00	WATER WELLS

Well ID:	5704	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	351584
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1640	Latitude:	42.11992999962
Elevation (Ft.):		Longitude:	-91.28095999941
Layer:		Xcoord:	642101.0
Completed date:	11/1/1969	Ycoord:	4664522.0
Location:	T84NR04WS02	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2577 Well #4 (1969)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	2407545	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	352313
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075299997388
Elevation (Ft.):		Longitude:	-91.2792699997866
Layer:		Xcoord:	642268.789882
Completed date:		Ycoord:	4663147.96283
Location:	T84N, R4W, S2 SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	35484	Object ID:	346884;346885
Well Type:	IGS Well Database	Map ID:	346884;346885
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075302965295
Elevation (Ft.):		Longitude:	-91.2792674506931
Layer:		Xcoord:	642269.0
Completed date:	1/1/1900	Ycoord:	4663148.0
Location:	T84N, R4W, 2, SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35484/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	SE	0.55	2,901.56	812.29	WATER WELLS

Well ID:	35484	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352315
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	270	Latitude:	42.1075302965294
Elevation (Ft.):		Longitude:	-91.2792674506931
Layer:		Xcoord:	642269.0
Completed date:	12/31/1899	Ycoord:	4663148.0
Location:	T84N, R4W, 2, SW SE SE	Est Loc Accuracy:	GPS
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35484/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	N	0.56	2,962.42	944.44	WATER WELLS

Well ID:	2093313	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350773
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1219324027546
Elevation (Ft.):		Longitude:	-91.2884555524574
Layer:		Xcoord:	641477.265673
Completed date:	8/27/2003	Ycoord:	4664731.89246
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	BIBLE, SHAWN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2093313&reportName=WellPrintout		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	N	0.56	2,975.79	944.98	WATER WELLS

Well ID:	2113391	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350744
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1219724100343
Elevation (Ft.):		Longitude:	-91.2886955408451
Layer:		Xcoord:	641457.338475
Completed date:	11/15/2005	Ycoord:	4664735.93722
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	EILERS, LONNIE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2113391&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	NNE	0.56	2,933.14	964.02	WATER WELLS

Well ID:	2135364	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351318
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1210690010272
Elevation (Ft.):		Longitude:	-91.2830349944434
Layer:		Xcoord:	641927.273316
Completed date:	1/1/1950	Ycoord:	4664645.018
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	CLARK, HOMER		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2135364&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	SW	0.56	2,952.89	782.34	WATER WELLS

Well ID:	78897	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350539
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1080083264492
Elevation (Ft.):		Longitude:	-91.2979327656847
Layer:		Xcoord:	640724.66
Completed date:	unkn	Ycoord:	4663170.16
Location:	T84N, R4W, Sec. 3, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.

Well ID Source field:	recordno
Other Information:	Drilling method: Drilled; Well depth is uncertain
Owner Name:	Thompson, Charles
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	W	0.56	2,976.88	786.71	WATER WELLS

Well ID:	46912	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349943
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1136672842021
Elevation (Ft.):		Longitude:	-91.3002337291859
Layer:		Xcoord:	640521.91
Completed date:	unkn	Ycoord:	4663794.72
Location:	T84N, R4W, Sec. 3, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Insurance Associates		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
99	W	0.56	2,978.88	786.71	WATER WELLS

Well ID:	79266	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349945
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1136243919066
Elevation (Ft.):		Longitude:	-91.3002443102483
Layer:		Xcoord:	640521.13
Completed date:	unkn	Ycoord:	4663789.94
Location:	T84N, R4W, Sec. 3, SW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Insurance Associates		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	31624	Object ID:	346842;346843
Well Type:	IGS Well Database	Map ID:	346842;346843
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331

Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 81 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/31624/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	3890	Object ID:	346841
Well Type:	Water Use Permit Wells	Map ID:	346841
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4, S2, SE, NW	Est Loc Accuracy:	nom. +/-20m.
Well ID Source field:	wellID		
Other Information:	PermitID: 2577 Well #5 (1990)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	31624	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352278
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141858023459
Elevation (Ft.):		Longitude:	-91.2762690542331
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 81 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/31624/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	2409638	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	352276

Wells and Additional Sources Detail Report

Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141899998777
Elevation (Ft.):		Longitude:	-91.2762700000526
Layer:		Xcoord:	642501.912404
Completed date:	1/1/1990	Ycoord:	4663892.46451
Location:	T84N, R4W, S2 SE NW NW	Est Loc Accuracy:	GPS
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Active		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	E	0.58	3,086.48	831.01	WATER WELLS

Well ID:	3890	Object ID:	0
Well Type:	Water Use Permit Wells	Map ID:	352277
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):	1475	Latitude:	42.1141899998777
Elevation (Ft.):		Longitude:	-91.2762700000526
Layer:		Xcoord:	642502.0
Completed date:	10/1/1990	Ycoord:	4663892.0
Location:	T84NR04WS02	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID= 2577 Well #5 (1990)		
Owner Name:	CITY OF ANAMOSA (CITY CLERK)		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	SE	0.57	2,997.02	833.33	WATER WELLS

Well ID:	46936	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352265
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.10613475613
Elevation (Ft.):		Longitude:	-91.2806337578866
Layer:		Xcoord:	642159.15
Completed date:	unkn	Ycoord:	4662990.77
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	W	0.57	3,029.46	782.51	WATER WELLS

Well ID:	78943	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350020
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	95	Latitude:	42.1118425782808
Elevation (Ft.):		Longitude:	-91.3003503516828
Layer:		Xcoord:	640516.3
Completed date:	unkn	Ycoord:	4663591.92
Location:	T84N, R4W, Sec. 3, SW, NE, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Estimated well depth		
Owner Name:	Fitkin, David/Darlene		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	SE	0.57	3,029.84	832.99	WATER WELLS

Well ID:	23132	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352270
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060602380584
Elevation (Ft.):		Longitude:	-91.2805651414619
Layer:		Xcoord:	642164.99
Completed date:	12/05/1996	Ycoord:	4662982.61
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Jensen		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	SE	0.58	3,036.13	830.13	WATER WELLS

Well ID:	62805	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352280
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060616351263
Elevation (Ft.):		Longitude:	-91.280526160147
Layer:		Xcoord:	642168.21
Completed date:	1996	Ycoord:	4662982.83
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
106	ESE	0.58	3,053.74	810.75	WATER WELLS

Well ID:	22567	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352378
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	71	Latitude:	42.1079523977582
Elevation (Ft.):		Longitude:	-91.2781681201943
Layer:		Xcoord:	642358.95
Completed date:	n.a.	Ycoord:	4663196.7
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 9/19/1995; Well type: < 18" dia.		
Owner Name:	Iowa Department, Of Transportation		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
107	SE	0.58	3,037.65	832.99	WATER WELLS

Well ID:	62806	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352271
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	210	Latitude:	42.1060264383931
Elevation (Ft.):		Longitude:	-91.2805753676371
Layer:		Xcoord:	642164.22
Completed date:	1996	Ycoord:	4662978.84
Location:	T84N, R4W, Sec. 11, NW, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Downing, Dorothy		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
109	ESE	0.58	3,072.65	810.74	WATER WELLS

Well ID:	36255	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352385
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078990737755
Elevation (Ft.):		Longitude:	-91.2781315865225
Layer:		Xcoord:	642362.09
Completed date:	n.a.	Ycoord:	4663190.84
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		

Owner Name: Iowa Dept Of Transportati
Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	ESE	0.58	3,078.06	810.27	WATER WELLS

Well ID:	36256	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352393
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1079769729109
Elevation (Ft.):		Longitude:	-91.2780473552515
Layer:		Xcoord:	642368.88
Completed date:	n.a.	Ycoord:	4663199.63
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
111	ESE	0.58	3,078.06	810.27	WATER WELLS

Well ID:	36257	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352396
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1079797023524
Elevation (Ft.):		Longitude:	-91.278031195499
Layer:		Xcoord:	642370.21
Completed date:	n.a.	Ycoord:	4663199.96
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
112	ESE	0.58	3,077.06	810.74	WATER WELLS

Well ID:	36260	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352387
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078890077941
Elevation (Ft.):		Longitude:	-91.2781209738497
Layer:		Xcoord:	642362.99
Completed date:	n.a.	Ycoord:	4663189.74

Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
113	SE	0.58	3,080.93	810.38	WATER WELLS

Well ID:	36254	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352389
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078502686481
Elevation (Ft.):		Longitude:	-91.2781381083412
Layer:		Xcoord:	642361.66
Completed date:	n.a.	Ycoord:	4663185.41
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
114	ESE	0.59	3,089.85	810.74	WATER WELLS

Well ID:	36259	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352397
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078785738326
Elevation (Ft.):		Longitude:	-91.2780738454037
Layer:		Xcoord:	642366.91
Completed date:	n.a.	Ycoord:	4663188.66
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
115	ESE	0.59	3,110.54	810.20	WATER WELLS

Well ID:	36258	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352404
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078402454356

Elevation (Ft.):		Longitude:	-91.2780163450716
Layer:		Xcoord:	642371.75
Completed date:	n.a.	Ycoord:	4663184.5
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
116	ESE	0.59	3,114.01	810.20	WATER WELLS

Well ID:	36261	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	352406
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	14	Latitude:	42.1078457975762
Elevation (Ft.):		Longitude:	-91.2779962386627
Layer:		Xcoord:	642373.4
Completed date:	n.a.	Ycoord:	4663185.15
Location:	T84N, R4W, Sec. 2, SW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 4/20/1999; Well type: < 18" dia.		
Owner Name:	Iowa Dept Of Transportati		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
117	N	0.60	3,152.30	950.48	WATER WELLS

Well ID:	2186017	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350644
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1224401628897
Elevation (Ft.):		Longitude:	-91.289507606638
Layer:		Xcoord:	641389.170423
Completed date:	7/18/1995	Ycoord:	4664786.5299
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	KNAPP, PERRY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2186017&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
118	NNW	0.60	3,166.63	933.32	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	2127511	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350478
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	240	Latitude:	42.1223724779641
Elevation (Ft.):		Longitude:	-91.2907454437649
Layer:		Xcoord:	641286.998159
Completed date:	10/3/2001	Ycoord:	4664776.96574
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MCCALLEY, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2127511&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
119	N	0.61	3,206.90	944.85	WATER WELLS

Well ID:	2104796	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350536
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	140	Latitude:	42.1225324701513
Elevation (Ft.):		Longitude:	-91.2903154755567
Layer:		Xcoord:	641322.184807
Completed date:	11/24/2004	Ycoord:	4664795.44206
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	THOMAS, ROBERT		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2104796&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
120	E	0.62	3,283.42	824.19	WATER WELLS

Well ID:	2916	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352355
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	64	Latitude:	42.1134991738939
Elevation (Ft.):		Longitude:	-91.2755256368922
Layer:		Xcoord:	642565.0
Completed date:	6/22/1947	Ycoord:	4663817.0
Location:	T84N, R4W, 2, SE NW NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 40 Well Type: Private		
Owner Name:	Brickley, D.E.		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/2916/general-information		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
121	NE	0.61	3,202.05	901.68	WATER WELLS

Well ID:	4164	Object ID:	325037
Well Type:	WATER USE PERMIT WELLS	Map ID:	325037
Well Type Abbrev:	WTRU	County:	JONES
Well Depth (Ft.):	1520	Latitude:	42.119912
Elevation (Ft.):		Longitude:	-91.279174
Layer:		Xcoord:	642249
Completed date:		Ycoord:	4664523.000000004
Location:	T84N, R04, S02, NW, NE	Est Loc Accuracy:	NOM. +/-20M.
Well ID Source field:	WELLID		
Other Information:	PERMITID: 2577 WELL #6 (NOT DRILLED)		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
122	SE	0.61	3,225.03	801.50	WATER WELLS

Well ID:	2094349	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352403
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1067399996918
Elevation (Ft.):		Longitude:	-91.2785999996887
Layer:		Xcoord:	642325.954374
Completed date:		Ycoord:	4663061.36043
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2094349&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
123	N	0.62	3,286.26	953.61	WATER WELLS

Well ID:	81295	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350705
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1228241197689
Elevation (Ft.):		Longitude:	-91.2886399337299
Layer:		Xcoord:	641460.04
Completed date:	1994	Ycoord:	4664830.6
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		

Other Information:	Drilling method: Drilled; Known well depth
Owner Name:	Rudish, George
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
124	N	0.63	3,311.54	946.16	WATER WELLS

Well ID:	12324	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350795
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	353	Latitude:	42.1228784744984
Elevation (Ft.):		Longitude:	-91.287816326055
Layer:		Xcoord:	641528.0
Completed date:	7/1/1960	Ycoord:	4664838.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 274 Well Type: Private		
Owner Name:	Kula, Ray		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/12324/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
125	N	0.63	3,317.32	950.09	WATER WELLS

Well ID:	17808	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350723
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1229071192018
Elevation (Ft.):		Longitude:	-91.2884745044665
Layer:		Xcoord:	641473.53
Completed date:	9/13/1994	Ycoord:	4664840.09
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
126	N	0.63	3,329.37	950.09	WATER WELLS

Well ID:	17832	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350721
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.122940037301
Elevation (Ft.):		Longitude:	-91.2884655129543
Layer:		Xcoord:	641474.2

Completed date:	6/09/1995	Ycoord:	4664843.76
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Unknown		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
127	N	0.63	3,332.91	951.86	WATER WELLS

Well ID:	2088239	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350700
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1229524332905
Elevation (Ft.):		Longitude:	-91.2886755860617
Layer:		Xcoord:	641456.807399
Completed date:	6/27/2003	Ycoord:	4664844.78836
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	STANGE, RON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2088239&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
128	N	0.63	3,351.27	949.59	WATER WELLS

Well ID:	23070	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350706
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.123001402137
Elevation (Ft.):		Longitude:	-91.2885401961552
Layer:		Xcoord:	641467.89
Completed date:	6/14/1996	Ycoord:	4664850.45
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Fleckenstein		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
129	N	0.65	3,423.34	950.05	WATER WELLS

Well ID:	2143268	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350603

Wells and Additional Sources Detail Report

Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1231900011959
Elevation (Ft.):		Longitude:	-91.2893899938451
Layer:		Xcoord:	641397.224766
Completed date:	12/18/1998	Ycoord:	4664869.98388
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	JESS, BRIAN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143268&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
130	NNE	0.66	3,467.27	961.52	WATER WELLS

Well ID:	2219009	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351159
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	335	Latitude:	42.1228060404173
Elevation (Ft.):		Longitude:	-91.2835720678563
Layer:		Xcoord:	641879.0
Completed date:	9/10/2021	Ycoord:	4664837.0
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ELON HOMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2219009&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
131	SE	0.66	3,479.48	798.07	WATER WELLS

Well ID:	2194864	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352443
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1057808229271
Elevation (Ft.):		Longitude:	-91.2785142884067
Layer:		Xcoord:	642335.1875
Completed date:		Ycoord:	4662955.0
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	CITY OF ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2194864&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
132	SE	0.66	3,486.38	799.46	WATER WELLS

Well ID:	29602	Object ID:	346993
Well Type:	Water Use Permit Wells	Map ID:	346993
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1054274711809
Elevation (Ft.):		Longitude:	-91.2789736017648
Layer:		Xcoord:	642298.0
Completed date:		Ycoord:	4662915.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W4		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
133	SE	0.66	3,496.80	800.71	WATER WELLS

Well ID:	29603	Object ID:	347001
Well Type:	Water Use Permit Wells	Map ID:	347001
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1055235959078
Elevation (Ft.):		Longitude:	-91.2787774945133
Layer:		Xcoord:	642314.0
Completed date:		Ycoord:	4662926.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W5		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
134	N	0.67	3,558.86	941.17	WATER WELLS

Well ID:	2109073	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350670
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.123572446895
Elevation (Ft.):		Longitude:	-91.288655615366
Layer:		Xcoord:	641457.078636
Completed date:	6/15/2005	Ycoord:	4664913.66553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	STICKLE, DAVE		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2109073&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
135	N	0.67	3,545.10	940.53	WATER WELLS

Well ID:	58456	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350447
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1234577589835
Elevation (Ft.):		Longitude:	-91.2904259013516
Layer:		Xcoord:	641311.0
Completed date:	4/10/2002	Ycoord:	4664898.0
Location:	T85N, R4W, 34, SE SE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 152 Well Type: Private		
Owner Name:	Johnston, Howard		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/58456/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
136	NNW	0.67	3,548.89	913.71	WATER WELLS

Well ID:	15234	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350142
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	250	Latitude:	42.1229243413655
Elevation (Ft.):		Longitude:	-91.2933782412003
Layer:		Xcoord:	641068.14
Completed date:	1992	Ycoord:	4664833.89
Location:	T85N, R4W, Sec. 34, SE, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Delegardelle, Rick		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
137	SE	0.67	3,554.93	796.60	WATER WELLS

Well ID:	29601	Object ID:	347004
Well Type:	Water Use Permit Wells	Map ID:	347004
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052193270687
Elevation (Ft.):		Longitude:	-91.2789066682197
Layer:		Xcoord:	642304.0
Completed date:		Ycoord:	4662892.0

Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W3		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
138	N	0.69	3,631.00	922.90	WATER WELLS

Well ID:	75977	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350558
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1237584230757
Elevation (Ft.):		Longitude:	-91.289450004497
Layer:		Xcoord:	641391.0
Completed date:	11/12/2009	Ycoord:	4664933.0
Location:	T85N, R4W, 34, SE SE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Unknown		
Owner Name:	Nemmers, Tony		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/75977/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
139	SE	0.68	3,580.86	787.31	WATER WELLS

Well ID:	29599	Object ID:	347023
Well Type:	Water Use Permit Wells	Map ID:	347023
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052877188279
Elevation (Ft.):		Longitude:	-91.2786629354306
Layer:		Xcoord:	642324.0
Completed date:		Ycoord:	4662900.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W1		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
140	SE	0.68	3,586.43	786.89	WATER WELLS

Well ID:	29600	Object ID:	347020
Well Type:	Water Use Permit Wells	Map ID:	347020
Well Type Abbrev:	WTRU	County:	Jones
Well Depth (Ft.):		Latitude:	42.1052079667071

Elevation (Ft.):		Longitude:	-91.2787497521758
Layer:		Xcoord:	642317.0
Completed date:		Ycoord:	4662891.0
Location:	T84N, R04, S11, NW, NE	Est Loc Accuracy:	nom. +/-100m.
Well ID Source field:	wellID		
Other Information:	PermitID: 53-17-026 W2		
Owner Name:	RICKLEFS EXCAVATING (BUD MAYNANO)		
Well Doc Link:	http://programs.iowadnr.gov/wateruse/		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
141	N	0.69	3,636.70	917.62	WATER WELLS

Well ID:	15099	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350521
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1237596793273
Elevation (Ft.):		Longitude:	-91.2897637836201
Layer:		Xcoord:	641365.06
Completed date:	1994	Ycoord:	4664932.62
Location:	T85N, R4W, Sec. 34, SE, SE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Rudish, George		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
142	N	0.69	3,646.89	918.01	WATER WELLS

Well ID:	15069	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350534
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1237926587783
Elevation (Ft.):		Longitude:	-91.2896682927788
Layer:		Xcoord:	641372.88
Completed date:	unkn	Ycoord:	4664936.44
Location:	T85N, R4W, Sec. 34, SE, SE, SE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Silver, Kim		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
143	N	0.69	3,659.15	916.29	WATER WELLS

Well ID:	2077789	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Private well tracking system	Map ID:	350465
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1237999997438
Elevation (Ft.):		Longitude:	-91.2900999996549
Layer:		Xcoord:	641337.178472
Completed date:		Ycoord:	4664936.54053
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	JOHNSTON, HOWARD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
144	N	0.70	3,686.27	914.38	WATER WELLS

Well ID:	2935	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350518
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.12389849809
Elevation (Ft.):		Longitude:	-91.2897178282718
Layer:		Xcoord:	641368.55
Completed date:	1993	Ycoord:	4664948.11
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Carlson, James		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
145	NNE	0.69	3,660.38	953.22	WATER WELLS

Well ID:	2196649	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351179
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1232677605108
Elevation (Ft.):		Longitude:	-91.2831856402619
Layer:		Xcoord:	641909.912246
Completed date:	1/1/1950	Ycoord:	4664888.90978
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	ZASADNY, DON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2196649&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
146	N	0.70	3,710.84	934.09	WATER WELLS

Well ID:	2092675	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350636
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	226	Latitude:	42.1239900001458
Elevation (Ft.):		Longitude:	-91.2887699999684
Layer:		Xcoord:	641446.694399
Completed date:	7/24/2003	Ycoord:	4664959.83958
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Retired		
Owner Name:	RUBNER, CHAD		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2092675&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
147	NNW	0.70	3,693.02	958.02	WATER WELLS

Well ID:	2203137	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350217
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1235671024103
Elevation (Ft.):		Longitude:	-91.292444980934
Layer:		Xcoord:	641143.857894
Completed date:	1/1/1950	Ycoord:	4664906.80191
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	KUSTES, JASON		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2203137&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
148	N	0.71	3,729.26	934.42	WATER WELLS

Well ID:	86553	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350568
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1240346136755
Elevation (Ft.):		Longitude:	-91.2892490099231
Layer:		Xcoord:	641407.0
Completed date:	11/15/2005	Ycoord:	4664964.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 127 Well Type: Private		

Wells and Additional Sources Detail Report

Owner Name: Eilers, Lonnie
Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/86553/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
149	NE	0.70	3,701.85	903.34	WATER WELLS

Well ID:	20645	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351759
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1210415648511
Elevation (Ft.):		Longitude:	-91.2780850280483
Layer:		Xcoord:	642336.52
Completed date:	unkn	Ycoord:	4664650.21
Location:	T84N, R4W, Sec. 2, NW, NE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Albers, Mary		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
150	N	0.71	3,760.28	931.43	WATER WELLS

Well ID:	86513	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350635
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	226	Latitude:	42.1241255237155
Elevation (Ft.):		Longitude:	-91.2887021663583
Layer:		Xcoord:	641452.0
Completed date:	7/24/2003	Ycoord:	4664975.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 151 Well Type: Private		
Owner Name:	Rubner, Chad		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86513/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
151	SSE	0.71	3,730.28	859.42	WATER WELLS

Well ID:	2159815	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352093
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.102558136966
Elevation (Ft.):		Longitude:	-91.2843856750302
Layer:		Xcoord:	641856.903069
Completed date:	4/26/2012	Ycoord:	4662587.39951

Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	PATNODE, C.J.		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2159815&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
152	N	0.72	3,801.55	905.15	WATER WELLS

Well ID:	2144549	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350473
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.124210358263
Elevation (Ft.):		Longitude:	-91.2898178038014
Layer:		Xcoord:	641359.592457
Completed date:	11/12/2009	Ycoord:	4664982.57235
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	NEMMERS, ANTHONY		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2144549&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
153	NE	0.72	3,800.89	924.75	WATER WELLS

Well ID:	2220886	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351825
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	335	Latitude:	42.1208848486976
Elevation (Ft.):		Longitude:	-91.2773704934897
Layer:		Xcoord:	642395.9375
Completed date:	1/4/2022	Ycoord:	4664634.0
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ELON HOMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2220886&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
154	SSW	0.73	3,863.66	777.59	WATER WELLS

Well ID:	23439	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	351297
Well Type Abbrev:	PLUG	County:	Jones

Well Depth (Ft.):	300	Latitude:	42.1024465122851
Elevation (Ft.):		Longitude:	-91.2929496530075
Layer:		Xcoord:	641149.01
Completed date:	n.a.	Ycoord:	4662560.82
Location:	T84N, R4W, Sec. 10, NE, SW, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: 7/20/1994; Well type: < 18" dia.		
Owner Name:	City Water Department		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15313	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349886
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	86	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 84 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15313/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15389	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349881
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	26	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 25 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15389/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

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Well ID:	15396	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349888
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	15	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Monitor		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15396/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	18241	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349882
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	85	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/20/1965	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Unknown
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Public Supply		
Owner Name:	State Of Iowa		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/18241/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15315	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349885
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	35	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	9/30/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 34 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15315/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15391	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349884
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	67	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 65 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15391/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15316	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349877
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	70	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15316/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15390	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349879
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	33	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 31 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		

Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/15390/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15312	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349878
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	51	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 48 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15312/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15395	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349880
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	20	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	10/1/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Monitor		
Owner Name:	State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15395/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15314	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349887
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	16	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	9/30/1963	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.

Well ID Source field:	wnumber
Other Information:	Bedrock Depth: 15 Well Type: Test (water only)
Owner Name:	Iowa State Reformatory
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15314/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
155	WSW	0.72	3,823.78	851.05	WATER WELLS

Well ID:	15388	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349883
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	65	Latitude:	42.1099884426344
Elevation (Ft.):		Longitude:	-91.3028104388285
Layer:		Xcoord:	640317.0
Completed date:	NULL	Ycoord:	4663382.0
Location:	T84N, R4W, 3, SW SW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Test (water only)		
Owner Name:	Iowa State Reformatory		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15388/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
157	N	0.74	3,908.40	898.58	WATER WELLS

Well ID:	86531	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350370
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	140	Latitude:	42.12445811287
Elevation (Ft.):		Longitude:	-91.2904715868383
Layer:		Xcoord:	641305.0
Completed date:	11/24/2004	Ycoord:	4665009.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Heat Pump		
Owner Name:	Thomas, Robert		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86531/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
158	ESE	0.75	3,937.80	864.53	WATER WELLS

Well ID:	2170646	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352685
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1102882054
Elevation (Ft.):		Longitude:	-91.2734098835195

Layer:		Xcoord:	642747.125
Completed date:		Ycoord:	4663464.0
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	ANAMOSA HIGH SCHOOL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2170646&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
159	N	0.75	3,955.50	922.37	WATER WELLS

Well ID:	2138884	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350591
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1246612933205
Elevation (Ft.):		Longitude:	-91.2886960611632
Layer:		Xcoord:	641451.3125
Completed date:		Ycoord:	4665034.5
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	SULLIVAN, CJ		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2138884&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
160	N	0.75	3,959.81	919.56	WATER WELLS

Well ID:	58617	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350621
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246715187584
Elevation (Ft.):		Longitude:	-91.2885182201697
Layer:		Xcoord:	641465.99
Completed date:	1997	Ycoord:	4665035.93
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
162	N	0.75	3,964.00	921.33	WATER WELLS

Well ID:	58816	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Wells registered for testing	Map ID:	350605
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246837170431
Elevation (Ft.):		Longitude:	-91.288575235436
Layer:		Xcoord:	641461.25
Completed date:	1997	Ycoord:	4665037.19
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	2005230	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350617
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246975038059
Elevation (Ft.):		Longitude:	-91.288542235239
Layer:		Xcoord:	641463.947055
Completed date:	10/29/1996	Ycoord:	4665038.77553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	SEATON, ROGER		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005230&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	2005052	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350616
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246975038059
Elevation (Ft.):		Longitude:	-91.288542235239
Layer:		Xcoord:	641463.947055
Completed date:	10/28/1996	Ycoord:	4665038.77553
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	BRANNON, BOB		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005052&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	60381	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350613
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	6/15/2005	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 125 Well Type: Private		
Owner Name:	Sticke, Dave		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/60381/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	47320	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350612
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	10/29/1996	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 190 Well Type: Private		
Owner Name:	Seaton, Roger		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47320/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	57329	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350611
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	265	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	8/27/2003	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 154 Well Type: Private		
Owner Name:	Bible, Shawny		

Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/57329/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	47508	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350615
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	10/28/1996	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 180 Well Type: Private		
Owner Name:	Brannon, Bob		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47508/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
163	N	0.75	3,969.69	921.33	WATER WELLS

Well ID:	54864	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350614
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	235	Latitude:	42.1246995153105
Elevation (Ft.):		Longitude:	-91.2885415411108
Layer:		Xcoord:	641464.0
Completed date:	9/19/2001	Ycoord:	4665039.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 135 Well Type: Private		
Owner Name:	Farris, Tom		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/54864/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
164	NNW	0.75	3,944.17	929.85	WATER WELLS

Well ID:	2171918	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350066
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1240180010436
Elevation (Ft.):		Longitude:	-91.2936019938157
Layer:		Xcoord:	641047.217664
Completed date:	1/1/1950	Ycoord:	4664954.9563
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.

Wells and Additional Sources Detail Report

Well ID Source field:	wellnmbr
Other Information:	Status: Active
Owner Name:	NASSIF, BRIAN
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2171918&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
165	N	0.76	3,987.83	915.73	WATER WELLS

Well ID:	23110	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350608
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247484826372
Elevation (Ft.):		Longitude:	-91.2885217131349
Layer:		Xcoord:	641465.53
Completed date:	10/08/1996	Ycoord:	4665044.47
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Seaton		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
166	N	0.76	3,993.20	915.33	WATER WELLS

Well ID:	59125	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350609
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247631311747
Elevation (Ft.):		Longitude:	-91.2885135761492
Layer:		Xcoord:	641466.17
Completed date:	1996	Ycoord:	4665046.11
Location:	T85N, R4W, Sec. 34, SE, SE, NE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Seaton, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	35483	Object ID:	346054;346055
Well Type:	IGS Well Database	Map ID:	346054;346055
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1018019452178

Elevation (Ft.):		Longitude:	-91.2918907496173
Layer:		Xcoord:	641238.0
Completed date:		Ycoord:	4662491.0
Location:	T84N, R4W, 10, NE SW NE	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 10 Well Type: Municipal		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35483/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	35483	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351463
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1018019452177
Elevation (Ft.):		Longitude:	-91.2918907496173
Layer:		Xcoord:	641238.0
Completed date:	NULL	Ycoord:	4662491.0
Location:	T84N, R4W, 10, NE SW NE	Est Loc Accuracy:	GPS +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 10 Well Type: Public Supply		
Owner Name:	Anamosa, City Of		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/35483/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
167	SSW	0.76	4,009.34	784.97	WATER WELLS

Well ID:	2412239	Object ID:	0
Well Type:	Public Water Supply Wells	Map ID:	351464
Well Type Abbrev:	SDWI	County:	Jones
Well Depth (Ft.):	350	Latitude:	42.1017999995479
Elevation (Ft.):		Longitude:	-91.2918900000567
Layer:		Xcoord:	641238.066304
Completed date:	1/1/1998	Ycoord:	4662490.78525
Location:	T84N, R4W, S10 NE SW NE	Est Loc Accuracy:	GPS +/- 20 m
Well ID Source field:	TINWSF_IS_NUMBER		
Other Information:	PWSID: IA5307048 STATUS: Plugged		
Owner Name:	ANAMOSA MUNICIPAL WATER SUPPLY		
Well Doc Link:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
168	N	0.76	3,999.27	891.99	WATER WELLS

Well ID:	47991	Object ID:	0

Wells and Additional Sources Detail Report

Well Type:	Wells registered for testing	Map ID:	350312
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	305	Latitude:	42.1246666385446
Elevation (Ft.):		Longitude:	-91.2909091224071
Layer:		Xcoord:	641268.37
Completed date:	1998	Ycoord:	4665031.43
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Michels, David/Rhonda		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
169	NNE	0.75	3,980.09	931.74	WATER WELLS

Well ID:	2089044	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351266
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	280	Latitude:	42.1239000003716
Elevation (Ft.):		Longitude:	-91.2821000000746
Layer:		Xcoord:	641998.240508
Completed date:	8/15/1973	Ycoord:	4664960.91606
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	Nielsen, Paul		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2089044&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
170	N	0.76	4,010.92	891.99	WATER WELLS

Well ID:	71767	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350310
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1246999979576
Elevation (Ft.):		Longitude:	-91.2908995151201
Layer:		Xcoord:	641269.09
Completed date:	1996	Ycoord:	4665035.15
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Steenhoek, Luann		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
171	SE	0.75	3,972.99	790.21	WATER WELLS

Well ID:	12299	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352548
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	115	Latitude:	42.1041902609164
Elevation (Ft.):		Longitude:	-91.2781484043956
Layer:		Xcoord:	642369.0
Completed date:	4/1/1960	Ycoord:	4662779.0
Location:	T84N, R4W, 11, NW NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 70 Well Type: Private		
Owner Name:	Huerter, John		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/12299/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
172	N	0.76	4,018.82	891.99	WATER WELLS

Well ID:	29308	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350305
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247195101148
Elevation (Ft.):		Longitude:	-91.2909216134816
Layer:		Xcoord:	641267.22
Completed date:	8/30/2001	Ycoord:	4665037.28
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Bailey		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
173	N	0.76	4,020.76	889.06	WATER WELLS

Well ID:	48002	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350297
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	305	Latitude:	42.12471792991
Elevation (Ft.):		Longitude:	-91.2909848066311
Layer:		Xcoord:	641262.0
Completed date:	5/21/1998	Ycoord:	4665037.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 162 Well Type: Private		
Owner Name:	Michaels, Dave		

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Well Doc Link: https://www.iihr.uiowa.edu/igs/geosam/well/48002/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
174	N	0.76	4,028.38	888.74	WATER WELLS

Well ID:	23061	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350309
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247491567121
Elevation (Ft.):		Longitude:	-91.2908925075174
Layer:		Xcoord:	641269.56
Completed date:	5/04/1998	Ycoord:	4665040.62
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
175	NNW	0.76	4,027.47	894.34	WATER WELLS

Well ID:	23105	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350286
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1247299613415
Elevation (Ft.):		Longitude:	-91.2910427947318
Layer:		Xcoord:	641257.18
Completed date:	10/04/1996	Ycoord:	4665038.24
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Brannon		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
176	N	0.76	4,038.44	887.11	WATER WELLS

Well ID:	86639	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350331
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	175	Latitude:	42.1248182110533
Elevation (Ft.):		Longitude:	-91.2904619032723
Layer:		Xcoord:	641305.0
Completed date:	12/18/1998	Ycoord:	4665049.0
Location:	T85N, R4W, 34, SE SE NW	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.

Well ID Source field:	wnumber
Other Information:	Bedrock Depth: 0 Well Type:
Owner Name:	Jess, Brian
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86639/general-information

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
177	N	0.77	4,052.39	921.68	WATER WELLS

Well ID:	86508	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350576
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1249272826687
Elevation (Ft.):		Longitude:	-91.2887168771718
Layer:		Xcoord:	641449.0
Completed date:	6/27/2003	Ycoord:	4665064.0
Location:	T85N, R4W, 34, SE SE NE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 131 Well Type: Private		
Owner Name:	Stange, Ron		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86508/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
178	N	0.77	4,043.73	888.28	WATER WELLS

Well ID:	23051	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350290
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1247819283698
Elevation (Ft.):		Longitude:	-91.2909824812412
Layer:		Xcoord:	641262.05
Completed date:	5/19/1998	Ycoord:	4665044.11
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Michels		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
179	N	0.77	4,051.78	888.28	WATER WELLS

Well ID:	56120	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350293
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1248083070121
Elevation (Ft.):		Longitude:	-91.2909455995313

Layer:		Xcoord:	641265.04
Completed date:	unkn	Ycoord:	4665047.1
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Jess, Brian		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
180	NNW	0.77	4,060.74	895.76	WATER WELLS

Well ID:	47986	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350281
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	295	Latitude:	42.1248180561433
Elevation (Ft.):		Longitude:	-91.2910801074611
Layer:		Xcoord:	641253.9
Completed date:	1996	Ycoord:	4665047.96
Location:	T85N, R4W, Sec. 34, SE, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Brannon, Bob		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
182	NNE	0.78	4,112.16	923.18	WATER WELLS

Well ID:	2090979	Object ID:	0
Well Type:	Private well tracking system	Map ID:	351274
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	220	Latitude:	42.1242000002755
Elevation (Ft.):		Longitude:	-91.2817999993854
Layer:		Xcoord:	642022.368451
Completed date:	1/2/1965	Ycoord:	4664994.72587
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	NIELSON, PAUL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2090979&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
183	NNE	0.79	4,157.31	921.45	WATER WELLS

Well ID:	2169789	Object ID:	0

Well Type:	Private well tracking system	Map ID:	351288
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	366	Latitude:	42.1242620010543
Elevation (Ft.):		Longitude:	-91.2815699946181
Layer:		Xcoord:	642041.24223
Completed date:	10/30/1998	Ycoord:	4665001.9928
Location:	T85N, R4W, S35	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	PEARSON, JOHN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2169789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
184	E	0.82	4,324.77	827.73	WATER WELLS

Well ID:	2152919	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352617
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	72	Latitude:	42.1149560006399
Elevation (Ft.):		Longitude:	-91.2717699946234
Layer:		Xcoord:	642872.22143
Completed date:	1/1/1950	Ycoord:	4663985.03625
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Plugged		
Owner Name:	ANAMOSA COMMUNITY SCHOOLS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2152919&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
185	NE	0.81	4,265.59	839.09	WATER WELLS

Well ID:	82962	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352190
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.119995276844
Elevation (Ft.):		Longitude:	-91.2743057372529
Layer:		Xcoord:	642651.28
Completed date:	unkn	Ycoord:	4664540.34
Location:	T84N, R4W, Sec. 2, NE, NW, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Toomer, Mickie		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
186	NE	0.81	4,274.38	838.90	WATER WELLS

Well ID:	72997	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352187
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1200563585347
Elevation (Ft.):		Longitude:	-91.2743190796018
Layer:		Xcoord:	642650.04
Completed date:	unkn	Ycoord:	4664547.1
Location:	T84N, R4W, Sec. 2, NE, NW, NW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Toomer, Mickie		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
187	S	0.82	4,346.96	855.34	WATER WELLS

Well ID:	23099	Object ID:	0
Well Type:	Permitted private wells	Map ID:	351826
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.100563495333
Elevation (Ft.):		Longitude:	-91.2880345727687
Layer:		Xcoord:	641559.62
Completed date:	9/19/1996	Ycoord:	4662359.87
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Reule		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
188	S	0.82	4,353.41	860.18	WATER WELLS

Well ID:	44936	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351829
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1005460157439
Elevation (Ft.):		Longitude:	-91.2880219824058
Layer:		Xcoord:	641560.7
Completed date:	1996	Ycoord:	4662357.95
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Reule, Keith		

Well Doc Link: no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
189	S	0.83	4,369.46	863.87	WATER WELLS

Well ID:	44974	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351838
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1005033615602
Elevation (Ft.):		Longitude:	-91.2879458544391
Layer:		Xcoord:	641567.09
Completed date:	1996	Ycoord:	4662353.34
Location:	T84N, R4W, Sec. 10, NE, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Reule, Keith		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
190	NNE	0.82	4,340.50	919.66	WATER WELLS

Well ID:	79240	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	351314
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.124680901469
Elevation (Ft.):		Longitude:	-91.2811708417893
Layer:		Xcoord:	642073.3
Completed date:	unkn	Ycoord:	4665049.17
Location:	T85N, R4W, Sec. 35, SW, SE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Parker, Don		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
191	SE	0.82	4,355.06	840.39	WATER WELLS

Well ID:	2096230	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352773
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	70	Latitude:	42.1044999995624
Elevation (Ft.):		Longitude:	-91.2757000005439
Layer:		Xcoord:	642570.755145
Completed date:	1/1/1950	Ycoord:	4662817.47555
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.

Well ID Source field:	wellnmbr
Other Information:	Status: Plugged
Owner Name:	Beltramen, Matt
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2096230&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
192	NNW	0.83	4,403.46	909.77	WATER WELLS

Well ID:	55671	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350125
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	240	Latitude:	42.1256187215074
Elevation (Ft.):		Longitude:	-91.2922066838343
Layer:		Xcoord:	641159.0
Completed date:	10/3/2001	Ycoord:	4665135.0
Location:	T85N, R4W, 34, SE	Est Loc Accuracy:	Calc. +/- 1870 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 83 Well Type: Private		
Owner Name:	Easterly Plumbing & Heating		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55671/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
193	E	0.85	4,489.35	831.92	WATER WELLS

Well ID:	2098317	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352709
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	50	Latitude:	42.1142999996363
Elevation (Ft.):		Longitude:	-91.2710999998476
Layer:		Xcoord:	642929.085787
Completed date:	1/1/1950	Ycoord:	4663913.31734
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	SHADA, CHUCK		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2098317&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
194	W	0.84	4,411.51	795.09	WATER WELLS

Well ID:	81316	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349409
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	163	Latitude:	42.11558254567

Elevation (Ft.):		Longitude:	-91.3052209240419
Layer:		Xcoord:	640105.38
Completed date:	2000	Ycoord:	4663999.19
Location:	T84N, R4W, Sec. 3, NW, SW, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Boone, Todd		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
195	W	0.84	4,432.00	795.18	WATER WELLS

Well ID:	55573	Object ID:	0
Well Type:	IGS Well Database	Map ID:	349398
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	163	Latitude:	42.1155819748486
Elevation (Ft.):		Longitude:	-91.3052981123639
Layer:		Xcoord:	640099.0
Completed date:	11/2/2000	Ycoord:	4663999.0
Location:	T84N, R4W, 3, NW SW SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 41 Well Type: Private		
Owner Name:	Boone, Todd		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55573/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
196	SSE	0.84	4,440.75	877.39	WATER WELLS

Well ID:	2218705	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352134
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	205	Latitude:	42.1004640324428
Elevation (Ft.):		Longitude:	-91.2851225519658
Layer:		Xcoord:	641800.639334
Completed date:	9/19/1996	Ycoord:	4662353.65528
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	REULE, KEITH		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2218705&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
197	SE	0.84	4,449.31	842.40	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	44218	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352800
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	121	Latitude:	42.1042272732432
Elevation (Ft.):		Longitude:	-91.2755640204496
Layer:		Xcoord:	642582.61
Completed date:	unkn	Ycoord:	4662787.42
Location:	T84N, R4W, Sec. 11, NE, NW, SW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Fagen, Michelle		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
198	N	0.86	4,551.89	895.91	WATER WELLS

Well ID:	86714	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350481
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	202	Latitude:	42.1262958346823
Elevation (Ft.):		Longitude:	-91.2886921335852
Layer:		Xcoord:	641448.0
Completed date:	6/25/2013	Ycoord:	4665216.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Maps/Air Photos +/- 20 m.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 91 Well Type: Unknown		
Owner Name:	Gravel, Robert		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/86714/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
198	N	0.86	4,551.89	894.91	WATER WELLS

Well ID:	2168963	Object ID:	0
Well Type:	Private well tracking system	Map ID:	350482
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	202	Latitude:	42.1263003020767
Elevation (Ft.):		Longitude:	-91.2886897449195
Layer:		Xcoord:	641448.1875
Completed date:	6/25/2013	Ycoord:	4665216.5
Location:	T85N, R4W, S34	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	GRAVEL, ROBERT		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2168963&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
199	SSE	0.86	4,528.93	821.99	WATER WELLS

Well ID:	57083	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352300
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1005286249744
Elevation (Ft.):		Longitude:	-91.283170045108
Layer:		Xcoord:	641961.95
Completed date:	unkn	Ycoord:	4662364.07
Location:	T84N, R4W, Sec. 11, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Dunyon, Roger		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
200	E	0.88	4,629.47	828.88	WATER WELLS

Well ID:	80580	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352817
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1134542773102
Elevation (Ft.):		Longitude:	-91.2705631530159
Layer:		Xcoord:	642975.37
Completed date:	unkn	Ycoord:	4663820.31
Location:	T84N, R4W, Sec. 2, SE, NE, NW	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Well depth is uncertain		
Owner Name:	Robertson, Ladonna		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
201	SSE	0.86	4,538.63	832.33	WATER WELLS

Well ID:	2005291	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352304
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1005164286843
Elevation (Ft.):		Longitude:	-91.2830867423479
Layer:		Xcoord:	641968.865555
Completed date:	11/20/1997	Ycoord:	4662362.85417
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MERRITT, BILL		

Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2005291&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
201	SSE	0.86	4,538.63	832.33	WATER WELLS

Well ID:	47191	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352303
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.1005178978417
Elevation (Ft.):		Longitude:	-91.2830971705927
Layer:		Xcoord:	641968.0
Completed date:	11/20/1997	Ycoord:	4662363.0
Location:	T84N, R4W, 11, NW SW SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 34 Well Type: Private		
Owner Name:	Merritt, Bill		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47191/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
202	SSE	0.86	4,565.93	841.83	WATER WELLS

Well ID:	23256	Object ID:	0
Well Type:	Permitted private wells	Map ID:	352317
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1004598065075
Elevation (Ft.):		Longitude:	-91.2829947365776
Layer:		Xcoord:	641976.6
Completed date:	11/06/1997	Ycoord:	4662356.72
Location:	T84N, R4W, Sec. 11, NW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use: privateuse		
Owner Name:	Merritt		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
203	W	0.87	4,581.39	799.81	WATER WELLS

Well ID:	2077607	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349355
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1157999999143
Elevation (Ft.):		Longitude:	-91.3058000000591
Layer:		Xcoord:	640057.028105
Completed date:	1/1/1970	Ycoord:	4664022.38551

Wells and Additional Sources Detail Report

Location:	T84N, R4W, S3	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MATTHEWS, LOREN		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2077607&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
204	N	0.88	4,626.14	879.34	WATER WELLS

Well ID:	55615	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350488
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	260	Latitude:	42.1265009062483
Elevation (Ft.):		Longitude:	-91.2885535329962
Layer:		Xcoord:	641459.0
Completed date:	6/29/2000	Ycoord:	4665239.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 110 Well Type: Private		
Owner Name:	Werner, Bill		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/55615/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
204	N	0.88	4,626.14	879.34	WATER WELLS

Well ID:	52218	Object ID:	0
Well Type:	IGS Well Database	Map ID:	350487
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.1265009062483
Elevation (Ft.):		Longitude:	-91.2885535329962
Layer:		Xcoord:	641459.0
Completed date:	5/30/2000	Ycoord:	4665239.0
Location:	T85N, R4W, 34, SE NE SE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 129 Well Type: Private		
Owner Name:	Johnson, Paul		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/52218/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
205	N	0.88	4,630.23	882.97	WATER WELLS

Well ID:	26858	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350472
Well Type Abbrev:	PVTP	County:	Jones

Well Depth (Ft.):	unkn	Latitude:	42.1265127105369
Elevation (Ft.):		Longitude:	-91.288620360024
Layer:		Xcoord:	641453.45
Completed date:	5/11/2000	Ycoord:	4665240.2
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Werner		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
206	E	0.88	4,668.44	824.53	WATER WELLS

Well ID:	76931	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352947
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	30	Latitude:	42.1114596585114
Elevation (Ft.):		Longitude:	-91.2704646284549
Layer:		Xcoord:	642988.0
Completed date:	8/30/2013	Ycoord:	4663599.0
Location:	T84N, R4W, 2, SE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 0 Well Type: Heat Pump		
Owner Name:	Anamosa Community School District		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/76931/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
207	N	0.88	4,645.63	874.87	WATER WELLS

Well ID:	73964	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350490
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	195	Latitude:	42.126553981624
Elevation (Ft.):		Longitude:	-91.2885132688799
Layer:		Xcoord:	641462.21
Completed date:	unkn	Ycoord:	4665244.96
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Johnson, Deb		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
208	N	0.88	4,645.83	879.34	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	26855	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350477
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1265551484318
Elevation (Ft.):		Longitude:	-91.2885733654054
Layer:		Xcoord:	641457.24
Completed date:	5/12/2000	Ycoord:	4665244.99
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
209	ENE	0.88	4,666.51	833.33	WATER WELLS

Well ID:	2151797	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352647
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	150	Latitude:	42.1161756165452
Elevation (Ft.):		Longitude:	-91.2707349273799
Layer:		Xcoord:	642955.050895
Completed date:	12/27/2010	Ycoord:	4664122.18977
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	SCHOOLS, ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2151797&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
210	N	0.88	4,653.53	867.82	WATER WELLS

Well ID:	26856	Object ID:	0
Well Type:	Permitted private wells	Map ID:	350499
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1265749700091
Elevation (Ft.):		Longitude:	-91.2884592298281
Layer:		Xcoord:	641466.63
Completed date:	5/12/2000	Ycoord:	4665247.38
Location:	T85N, R4W, Sec. 34, SE, NE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Primary use:		
Owner Name:	Johnson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
211	ENE	0.88	4,667.51	834.31	WATER WELLS

Well ID:	2180789	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352453
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	450	Latitude:	42.1185792520981
Elevation (Ft.):		Longitude:	-91.2716794887947
Layer:		Xcoord:	642871.5625
Completed date:	5/2/2015	Ycoord:	4664387.5
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Logged		
Owner Name:	ANAMOSA COMMUNITY SCHOOLS		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2180789&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
212	NNE	0.88	4,637.84	886.97	WATER WELLS

Well ID:	15333	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351556
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	183	Latitude:	42.1246611648178
Elevation (Ft.):		Longitude:	-91.2787554425728
Layer:		Xcoord:	642273.0
Completed date:	6/26/1962	Ycoord:	4665051.0
Location:	T85N, R4W, 35, SW SE NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 170 Well Type: Private		
Owner Name:	Otten, Harry		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/15333/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
213	SSE	0.88	4,649.90	886.49	WATER WELLS

Well ID:	2143219	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352447
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	245	Latitude:	42.1007040008829
Elevation (Ft.):		Longitude:	-91.2811059939337
Layer:		Xcoord:	642132.236573
Completed date:	5/20/2001	Ycoord:	4662386.97492
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		

Wells and Additional Sources Detail Report

Owner Name: KELLOGG, ROBERT
Well Doc Link: https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2143219&reportName=WellPrintout

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
214	SSE	0.88	4,652.49	893.19	WATER WELLS

Well ID:	2138285	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352441
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1006520010735
Elevation (Ft.):		Longitude:	-91.2812529941421
Layer:		Xcoord:	642120.197191
Completed date:	1/1/1950	Ycoord:	4662380.9565
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	LUDWIG, DANIEL		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2138285&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
215	ENE	0.90	4,775.62	834.53	WATER WELLS

Well ID:	2153934	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352564
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.1177381984764
Elevation (Ft.):		Longitude:	-91.2708503029787
Layer:		Xcoord:	642942.0
Completed date:		Ycoord:	4664295.5
Location:	T84N, R4W, S2	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Permitted		
Owner Name:	SCHOOLS, ANAMOSA		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2153934&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
217	WNW	0.91	4,790.97	822.63	WATER WELLS

Well ID:	2080138	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349242
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	200	Latitude:	42.1167000002793
Elevation (Ft.):		Longitude:	-91.3063000002147
Layer:		Xcoord:	640013.710919

Completed date:	1/1/1940	Ycoord:	4664121.49817
Location:	T84N, R4W, S4	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MCDONALD, DUANE		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2080138&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
218	ENE	0.92	4,857.53	840.26	WATER WELLS

Well ID:	79971	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352458
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	450	Latitude:	42.119235380853
Elevation (Ft.):		Longitude:	-91.2712934585088
Layer:		Xcoord:	642902.0
Completed date:	5/2/2015	Ycoord:	4664461.0
Location:	T84N, R4W, 2, NE NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 150 Well Type: Private		
Owner Name:	Anamosa Community School		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/79971/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
219	W	0.93	4,890.88	796.59	WATER WELLS

Well ID:	2183896	Object ID:	0
Well Type:	Private well tracking system	Map ID:	349218
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	100	Latitude:	42.1161460075977
Elevation (Ft.):		Longitude:	-91.3068661792286
Layer:		Xcoord:	639968.124406
Completed date:	1/1/1950	Ycoord:	4664059.05702
Location:	T84N, R4W, S4	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active		
Owner Name:	MERRILL, DAVID		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2183896&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
220	ESE	0.94	4,943.72	822.39	WATER WELLS

Well ID:	14986	Object ID:	0
Well Type:	IGS Well Database	Map ID:	353134

Wells and Additional Sources Detail Report

Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1077951414792
Elevation (Ft.):		Longitude:	-91.2705279870505
Layer:		Xcoord:	642991.0
Completed date:	10/2/1962	Ycoord:	4663192.0
Location:	T84N, R4W, 2, SE SE NW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 46 Well Type: Other		
Owner Name:	Anamosa Public School		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/14986/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
221	SSE	0.93	4,922.89	884.79	WATER WELLS

Well ID:	68377	Object ID:	0
Well Type:	IGS Well Database	Map ID:	352411
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	180	Latitude:	42.0995875233996
Elevation (Ft.):		Longitude:	-91.2823120419786
Layer:		Xcoord:	642035.0
Completed date:	1/1/2004	Ycoord:	4662261.0
Location:	T84N, R4W, 11, SE NW NE	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 36 Well Type: Private		
Owner Name:	Saddler, James		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/68377/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
221	SSE	0.93	4,922.89	884.79	WATER WELLS

Well ID:	2101033	Object ID:	0
Well Type:	Private well tracking system	Map ID:	352412
Well Type Abbrev:	PWTS	County:	Jones
Well Depth (Ft.):	0	Latitude:	42.0995900001271
Elevation (Ft.):		Longitude:	-91.2823100003233
Layer:		Xcoord:	642035.163328
Completed date:		Ycoord:	4662261.27839
Location:	T84N, R4W, S11	Est Loc Accuracy:	nom. +/- 25m.
Well ID Source field:	wellnmbr		
Other Information:	Status: Active Water Test		
Owner Name:	SADDLER, JAMES		
Well Doc Link:	https://programs.iowadnr.gov/pwts/ViewReport.aspx?parameters=vchWellNmbr%5ct2101033&reportName=WellPrintout		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
222	SSW	0.95	4,990.32	782.19	WATER WELLS

Well ID:	17102	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350962
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1007452679436
Elevation (Ft.):		Longitude:	-91.2978536478364
Layer:		Xcoord:	640747.27
Completed date:	n.a.	Ycoord:	4662363.83
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	County, Jones		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
223	NNE	0.94	4,949.15	957.44	WATER WELLS

Well ID:	47130	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351216
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	367	Latitude:	42.1264898157067
Elevation (Ft.):		Longitude:	-91.2811860506929
Layer:		Xcoord:	642068.0
Completed date:	10/30/1998	Ycoord:	4665250.0
Location:	T85N, R4W, 35, SW NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 139 Well Type: Private		
Owner Name:	Pearson, John		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/47130/general-information		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
224	SSW	0.95	5,000.04	777.10	WATER WELLS

Well ID:	20532	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	350961
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1007258569724
Elevation (Ft.):		Longitude:	-91.2978807723195
Layer:		Xcoord:	640745.07
Completed date:	unkn	Ycoord:	4662361.63
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled;		
Owner Name:	Utilities Ies		
Well Doc Link:	no hyperlink		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
225	SSW	0.95	5,005.20	781.84	WATER WELLS

Well ID:	17100	Object ID:	0
Well Type:	Registered abandoned wells	Map ID:	350948
Well Type Abbrev:	PLUG	County:	Jones
Well Depth (Ft.):	80	Latitude:	42.1007409677142
Elevation (Ft.):		Longitude:	-91.2979583696654
Layer:		Xcoord:	640738.62
Completed date:	n.a.	Ycoord:	4662363.18
Location:	T84N, R4W, Sec. 10, NW, SE, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Well plugged: nil; Well type: < 18" dia.		
Owner Name:	Jones County		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
226	ENE	0.95	5,037.39	842.18	WATER WELLS

Well ID:	15061	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	352790
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	150	Latitude:	42.1162108942974
Elevation (Ft.):		Longitude:	-91.2693535610767
Layer:		Xcoord:	643069.17
Completed date:	unkn	Ycoord:	4664128.42
Location:	T84N, R4W, Sec. 2, NE, SE, SW	Est Loc Accuracy:	Calc. +/- 285m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Drilled; Known well depth		
Owner Name:	Kouba, Wilson		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
227	NW	0.97	5,122.75	887.19	WATER WELLS

Well ID:	25778	Object ID:	0
Well Type:	Permitted private wells	Map ID:	349234
Well Type Abbrev:	PVTP	County:	Jones
Well Depth (Ft.):	300	Latitude:	42.1229732534893
Elevation (Ft.):		Longitude:	-91.3030982382876
Layer:		Xcoord:	640264.56
Completed date:	11/02/1999	Ycoord:	4664823.31
Location:	T85N, R4W, Sec. 34, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		

Other Information:	Primary use: household
Owner Name:	Streif
Well Doc Link:	no hyperlink

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
228	NW	0.97	5,132.93	887.19	WATER WELLS

Well ID:	59823	Object ID:	0
Well Type:	Wells registered for testing	Map ID:	349231
Well Type Abbrev:	TEST	County:	Jones
Well Depth (Ft.):	unkn	Latitude:	42.1229729101754
Elevation (Ft.):		Longitude:	-91.3031480891689
Layer:		Xcoord:	640260.44
Completed date:	1999	Ycoord:	4664823.19
Location:	T85N, R4W, Sec. 34, SW, SW, SE	Est Loc Accuracy:	Calc. +/- 140m.
Well ID Source field:	recordno		
Other Information:	Drilling method: Unknown; Well depth is uncertain		
Owner Name:	Streif, Dale		
Well Doc Link:	no hyperlink		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
229	NNE	0.99	5,218.87	953.21	WATER WELLS

Well ID:	68409	Object ID:	0
Well Type:	IGS Well Database	Map ID:	351287
Well Type Abbrev:	GEOU	County:	Jones
Well Depth (Ft.):	320	Latitude:	42.1269880896024
Elevation (Ft.):		Longitude:	-91.2801805206686
Layer:		Xcoord:	642150.0
Completed date:	12/12/2003	Ycoord:	4665307.0
Location:	T85N, R4W, 35, SW NE SW	Est Loc Accuracy:	Calc. +/- 470 ft.
Well ID Source field:	wnumber		
Other Information:	Bedrock Depth: 130 Well Type: Private		
Owner Name:	Lenger, Jim		
Well Doc Link:	https://www.iihr.uiowa.edu/igs/geosam/well/68409/general-information		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *JONES* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *JONES* County

No Measures/Homes:	8
Geometric Mean:	6.2
Arithmetic Mean:	10.8
Median:	5.5
Standard Deviation:	14.8
Maximum:	46.5
% >4 pCi/L:	63
% >20 pCi/L:	13
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Iowa conducted during 1988-89. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This select NWIS Wells dataset contains specific Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern. Applicable NWIS database information is obtained

through the Water Quality Data Portal (WQP). The WQP is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

Oil and Gas Wells **OGW**

As of IA state regulatory agencies, FracTracker Alliance - state of Iowa confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Wells **PWSW**

The Public Water Supply Wells (PWSW) data consist of all the community water supply wells in Iowa. This data was made available by Iowa Department of Natural Resources.

Water Well Database **WATER WELLS**

List of water well locations made available by the Iowa Department of Natural Resources. This listing is a compilation of records from various well databases including the Geologic Sampling Points database, the Safe Drinking Water Information System (SDWIS) Wells database, and the Water Allocation Compliance and Online Permitting (WACOP) database.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX A

PHASE I ESA
USER QUESTIONNAIRE

This questionnaire has been developed for the User of the Phase I ESA. The "User" is generally the party seeking to use the Phase I ESA pursuant to the Practice E1527-21 and may include, without limitation, a prospective purchaser or prospective tenant of the property, an owner of the property, a lender, or a property manager.

The User must provide information, if available, to the environmental professional performing the Phase I ESA in the form of responses to the following questions to qualify for Landowner Liability Protections (LLPS) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Failure to provide this information, if available, could result in a determination that "all appropriate inquiry" is not complete.

Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge.

Project Information

Subject Property Name: LWSoyfuel LLC

Subject Property Address: 104 Broadway Pl Anamosa Iowa

Date questionnaire completed by Interviewee: 11-29-23

Interviewee Information

Interviewee: Mike Deutmeyer

Title: President

Company: Webb Stone Co

Association to Subject Property: (Check those that apply)

- ☐ Client
- ☐ Site Manager
- ☐ Government Official
- ☐ Occupant
- ☒ Other (define) Owner

APPENDIX B

ROOF SAMPLING APPROVAL

Blackstone Environmental, Inc. (Blackstone) has been contracted by the East Central Intergovernmental Association (ECIA; Client) to conduct an asbestos containing materials (ACM) survey at the property located at 104 Broadway Place, Anamosa, Iowa (Subject Property). As part of the ACM survey, roofing materials may be sampled. The sampling and analysis are being conducted prior to planned building demolition.

During sampling, Blackstone may cut into the roofing materials and remove the materials down to the roof deck or underlying substrate. Temporary patching will be applied at the sample locations. Sampling of the roofing materials by cutting into these materials may void roof warranties that may be currently in effect. Blackstone recommends a qualified roofing contractor and/or a warranty holder approved roofing contractor permanently patch/repair the sample locations. Blackstone is not responsible for leaks or damage as a result of the sampling.

By signing this form, you are authorizing sampling of the roofing materials at the above referenced Subject Property and understand damage to the roofing materials will likely occur. Roofing materials will not be sampled without your approval.

LivJoyFull, LLC

Building Owner Name / Entity

Mike Deutmeyer

Printed Name of Authorized Person

Signature of Authorized Person

11-09-23

Date

☐ Approved

☒ Declined

STAY OFF ROOF

BLACKSTONE ENVIRONMENTAL

Subject Property Information

Please provide a name and number of the person familiar with the Subject Property to contact to conduct an interview and site walk.

Name: Mike Deutmeyer

Phone number/email address: 319 462 3581 mike@wtbeestone.com

Company: Wt Bee Stone Co

QUESTIONS FOR THE USER (CLIENT)

Please write your answer indicating yes or no to the following questions and provide additional detail for "yes" responses.

1) What is the reason why the Phase I ESA is required?

2) What is the current and propose future use of the Subject Property?

Commercial Property

3) Have you engaged a title company or professional to review recorded land title records and lien records? If yes, please provide. Yes At Time of Purchase

4) Did a search of land title records or judicial records identify any environmental liens filed or recorded against the Subject Property under federal, tribal, state, or local law?

No

5) Did a search of land title records or judicial records identify any Activity Use Limitations (AULs) such as engineering controls, land use restrictions, or institutional controls in place at the Subject Property?

No

6) As the user of this ESA do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same

line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? NO

7) Does the purchase price being paid for this Subject Property reasonably reflect the fair market value of the Subject Property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property? N/A

8) Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the Subject Property? HOSPITAL

(b.) Do you know of specific chemicals that are present or once were present at the Subject Property? NO

(c.) Do you know of spills or other chemical releases that have taken place at the Subject Property? NO

(d.) Do you know of any environmental cleanups that have taken place at the Subject Property? NO

9) As the user of this Phase I ESA, based on your knowledge and experience related to the Subject Property, are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property? BUILT IN 1966

18. ALL COSTS FOR COMPLETION OF THE AFOREMENTIONED SCOPE OF WORK (ENVIROMENTAL ASSESSMENT & AUDITS DETERMINED TO BE NEEDED) SHALL BE THE SOLE RESPONSIBILITY OF ECIA.

19. This Agreement and the rights and obligations of the parties hereto shall be governed by and construed per the laws of the State of Iowa.

With my/our signature(s) below, and in full authority as the owner(s) of the Property, provide consent for this requested property access, with my/our understanding of the terms, conditions, and responsibilities presented herein.

By: _____ Date: 11-09-23
Signature, Property Owner

Printed Name: Mike Deutmeyer Corporate Title: President

STATE OF IOWA)
) SS:
COUNTY OF Scott)

I, the undersigned, a notary public in and for said county and state aforesaid, do hereby certify that Mike Deutmeyer is/are known to me to be the same person(s) whose is subscribed on the foregoing instrument, appeared before me this day and acknowledged that he/she/they signed, sealed, and delivered the said instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth on this day 9 of November, 20 23.

Diane M McGovern
Notary Public in the State of Iowa

ECIA

_____ _____
Signature Date

DIANE M MCGOVERN
Commission Number 163148
My Commission Expires
12-9-2024

7600 Commerce Park
Dubuque, IA 52002
ECIA Address

(563) 580-1976
Telephone Number

ddanielson@ecia.org
Email Address

APPENDIX A

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PHASE I ESA
USER QUESTIONNAIRE

This questionnaire has been developed for the User of the Phase I ESA. The "User" is generally the party seeking to use the Phase I ESA pursuant to the Practice E1527-21 and may include, without limitation, a prospective purchaser or prospective tenant of the property, an owner of the property, a lender, or a property manager.

The User must provide information, if available, to the environmental professional performing the Phase I ESA in the form of responses to the following questions to qualify for Landowner Liability Protections (LLPS) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Failure to provide this information, if available, could result in a determination that "all appropriate inquiry" is not complete.

Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge.

Project Information

Subject Property Name: **104 Broadway Pl, Anamosa IA** **Former Jones Co Hospital**

Subject Property Address: 104 Broadway Pl, Anamosa IA

Date questionnaire completed by Interviewee: 11/28/23

Interviewee Information

Interviewee: Dawn Danielson

Title: Brownfields Project Manager

Company: ECIA

Association to Subject Property: (Check those that apply)

- ☒ Client
- ☐ Occupant
- ☐ Site Manager
- ☐ Other (define) _____
- ☒ Government Official

Subject Property Information

Please provide a name and number of the person familiar with the Subject Property to contact to conduct an interview and site walk.

Name: Derek Lumsden

Phone number/email address: 319.480.7446/director@jonescountydevelopment.com

Company: Jones County Economic Development

QUESTIONS FOR THE USER (CLIENT)

Please write your answer indicating yes or no to the following questions and provide additional detail for "yes" responses.

1) What is the reason why the Phase I ESA is required?

site to be redeveloped

2) What is the current and propose future use of the Subject Property?

current vacant; future: unknown

3) Have you engaged a title company or professional to review recorded land title records and lien records? If yes, please provide.

requested chain of title from Blackstone

4) Did a search of land title records or judicial records identify any environmental liens filed or recorded against the Subject Property under federal, tribal, state, or local law?

did not do

5) Did a search of land title records or judicial records identify any Activity Use Limitations (AULs) such as engineering controls, land use restrictions, or institutional controls in place at the Subject Property?

unknown

6) As the user of this ESA do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same

line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

not familiar with property

7) Does the purchase price being paid for this Subject Property reasonably reflect the fair market value of the Subject Property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property?

not applicable

8) Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the Subject Property?

Former Jones Co Hospital

(b.) Do you know of specific chemicals that are present or once were present at the Subject Property?

no - do not know of any

(c.) Do you know of spills or other chemical releases that have taken place at the Subject Property?

no - do not know of any

(d.) Do you know of any environmental cleanups that have taken place at the Subject Property?

no - do not know of any

9) As the user of this Phase I ESA, based on your knowledge and experience related to the Subject Property, are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property?

unknown - possibly prior use and age of structure

APPENDIX E

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS AND ENVIRONMENTAL PROFESSIONAL STATEMENT

ENVIRONMENTAL PROFESSIONAL STATEMENT

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

Krista A. Brodersen
Senior Project Manager

Krista Brodersen

Senior Project Manager, Blackstone Environmental
1465 41st Street, Suite 13
Moline, Illinois 61265
309.798.3487
kbrodersen@blackstone-env.com | blackstone-env.com

EDUCATION
B.S. Environmental Science, Southern Illinois University, 1996

CERTIFICATIONS
- 40-HR HAZWOPER
- 8-HR HAZWOPER Supervisor
- CPR and First Aid

WORK HISTORY
Blackstone Environmental, Senior Project Manager, October 2019 – present

Terracon Consultants, Senior Project Manager, 2013 – 2019

Union Bank, Assistant Vice President, 2010 – 2013

Ninyo & Moore, Senior Project Manager, 2003 – 2010

ATC Associates, Senior Staff Scientist, 2001 – January 2003

American Integrated Services, Assistant Project Manager, March 2001 – July 2001

Ceres Associates, Environmental Specialist, 1999 – 2001

PROFESSIONAL EXPERIENCE

Ms. Brodersen has more than 25 years of environmental consulting experience including Phase I ESAs, Phase II Investigations, environmental cleanups, remediation system installation and monitoring, Brownfields, indoor air quality investigations, NEPA compliance, underground storage tank closures, and RBCA assessments. She has conducted work under the Illinois Environmental Protection Agency (IEPA), Iowa Department of Natural Resources (IDNR), Region 7 of the Environmental Protection Agency (EPA), California Underground Storage Tank (UST) Cleanup Fund, the California Regional Water Quality Control Board (CRWQCB), California Department of Toxics and Substances Control (DTSC), the California Integrated Waste Management Board (CIWMB), and various voluntary remediation programs and brownfield programs. She manages and supports projects for public, private, and industrial sector clients.

PROJECT EXPERIENCE

Phase I Environmental Site Assessments: Ms. Brodersen has been responsible for performing and reviewing Phase I ESAs on multiple sites throughout the United States under the provisions of ASTM E-1527-05, -13, and -21. The Phase I ESA reports were conducted for various financial institutions, government agencies, land developers, and private buyers. Sites have included residential, commercial, and industrial properties. Ms. Brodersen has completed more than 400 Phase I ESAs in Iowa since 2013.

Phase II Investigations: Ms. Brodersen has managed and conducted Phase II subsurface investigations for industrial, commercial, and residential properties. She has experience pertaining to soil, groundwater, and soil vapor impacted by various contaminants including petroleum hydrocarbons, chlorinated and non-chlorinated solvents, pesticides, polychlorinated bi-phenyls (PCBs), and Resource Conservation and Recovery Act (RCRA) metals. The investigations have included sampling and profiling of excavated contaminated soil for off-site disposal at licensed facilities. Ms. Brodersen has completed more than 200 Phase II Investigations in Iowa since 2013.

Former Gasoline Station, Cedar Rapids, Iowa: A Phase I ESA was conducted on a retail building that was a former gasoline station from the 1950s through the 1970s. The former gasoline station was investigated during a Phase II ESA which indicated elevated volatile organic compounds (VOCs) in groundwater. Based on the concentrations, a vapor concern was identified. Indoor air and subslab vapor samples were collected and to assess the concern and identified an indoor air issue. A vapor mitigation system was designed and installed at the facility. An environmental covenant was placed on the facility that included the operation of the vapor mitigation system and the use of the City of Cedar Rapids Groundwater Ordinance to address the groundwater impacts. The facility received closure from the IDNR.

Brownfields Site, Dubuque, Iowa: A former scrapyard was investigated, and PCBs and hazardous concentrations of lead were found in shallow soil. A Sampling and Analysis Plan (SAP), Quality Assurance Project Plan (QAPP), and Soil and Groundwater Management Plan (SGMP) were prepared and submitted to EPA. Additionally, EPA Exposure and Fate Assessment Screening (E-FAST) Tool was prepared for disposal of PCBs. The proposed remedial alternatives include the excavation and disposal of hazardous waste and PCBs. Quarterly updates uploaded to Assessment, Cleanup, and Redevelopment Exchange System (ACRES) online database.

Site Investigation, Dubuque, Iowa: A Phase I ESA was conducted on a 43-acre manufacturing facility with a 715,000 square foot building that was over 100 years old. Multiple concerns were identified during the Phase I ESA and investigated during a Phase II investigation. VOCs, semi-volatile organic compounds (SVOCs), and heavy metals were identified in soil and groundwater. Reports were prepared for submittal to the IDNR and the project is currently in progress. The proposed remedial alternatives included excavation of impacted soil and capping of contaminants.

Site Investigation, East Moline, Illinois: Several buildings of a 100-year-old manufacturing facility along the Mississippi River were being sold and multiple Phase I ESAs were conducted for the buildings for multiple clients. Phase II investigations were conducted and identified volatile organics, semi-volatile organics, and heavy metals in soil, groundwater, and/or vapor. The properties are in the process of going through the Illinois Site Remediation Program (SRP).

Site Investigation, Dubuque, Iowa: A Phase I ESA was conducted on a property that had been used as oil companies and a warehouse for almost 100 years. Based on the results of the investigation, petroleum hydrocarbons, volatile organic compounds, and heavy metals were identified above the Iowa State Standards. A Soil and Groundwater Management Plan was prepared prior to redevelopment. The Site Investigation report was submitted to IDNR and a “comfort letter” was obtained. Groundwater monitoring was required for a year and in currently in process.

Phase II Investigation, Davenport, Iowa: A Phase II investigation was conducted to assess a former manufacturing/gasoline station property in Davenport, Iowa. The Phase II included conducting a geophysical survey and collection of soil, groundwater, and soil vapor samples from in and outside of the site buildings. The investigation identified lead and semi-volatile organics in soil and volatile organics in the soil vapor. The overall proposed remedial alternatives included excavation of impacted soil and vapor mitigation at the site buildings.

Voluntary Cleanup Programs: Ms. Brodersen has worked on several SRP projects for private clients In Illinois. These projects have included all aspects of the SRP program including preparing applications, completing Phase I ESAs, preparing work plans, completing site investigation field activities and reporting, contaminant modeling, preparing risk-based corrective action reports, and IEPA coordination.

Risk-based Clean Up: Managed the investigation and remediation of a former gasoline station property in Moline, Illinois. The site was impacted by petroleum hydrocarbons and metals from the former gasoline station and buried garbage found on the site. Excavated and removed approximately 700 tons of impacted soil and buried garbage, sampling of clean import backfill to 25 feet, and soil confirmation sampling. Prepared Site Investigation Report, Remedial Action Report, Remedial Action Plan, and Remedial Action Completion Report that were approved by the IEPA. Obtained site closure from the IEPA.

Environmental Site Closure and Remediation: Managed oversight of Remedial Action Plan (RAP) implementation at a six-acre property identified by the Los Angeles Unified School District as a potential future school site. The site was impacted with elevated levels of tetrachloroethene (PCE) in soil vapor. The project consisted of oversight and monitoring of the excavation of approximately 75,000 tons of impacted soil, sampling of excavated material, sampling of clean import backfill to 25 feet, soil and soil vapor confirmation sampling, dust monitoring, risk assessment, installation of sixteen vapor cutoff wells between the school and the upgradient adjacent PCE source, and appropriate waste characterization based on sample results. During RAP implementation, three USTs, two pressure vessels, a buried 55-gallon drum, clarifier, hydraulic hoist, sump, and soil impacted by organochlorine pesticides were discovered and removed. The property was granted regulatory closure and a school was constructed onsite.

Environmental Remediation: Oversaw soil sampling, soil vapor sampling, the installation and development of numerous groundwater monitoring wells, conducting quarterly groundwater monitoring, and installation and maintenance of a remediation system for a commercial property formerly occupied by two separate gasoline stations. Ms. Brodersen also managing staff during quarterly monitoring of the property, reviewed quarterly reports, and interacted with the State regulatory agencies. The site was under the oversight of the CRWQCB and was included in the in the California UST Cleanup Fund.

Superfund Site: Assisted with the management of the remediation of a pesticide contaminated Superfund Site in Riverside, California. Her duties at the Superfund site included health and safety monitoring, collecting soil samples, preparation of analytical data, coordination of construction workers, client interface, preparation of hazardous waste manifests, coordination of vendors, and preparation of site maps and data tables.

Environmental Assessments (EAs)/HUD Checklists: Performed EAs/HUD Checklists on several properties throughout Iowa. These assessments included determining the effect of additions and new structures on the environment utilizing information from available sources such as, endangered species reports, wetlands determination, FCC regulations, and listed tribal and regulatory databases, State and Federal regulatory agencies.

Environmental Reviews: Over a three year period as a Risk Assessor for a national bank, reviewed over 1,200 Phase I ESAs, Phase II investigations, asbestos and mold surveys, mold reports, and other environmental reports by over 35 different consultants conducted across the country.

Eric Sonsthagen, PE

Senior Project Engineer, Blackstone Environmental

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EDUCATION
B.S. Chemical Engineering (Environmental Option), University of Wyoming, 1999

CERTIFICATIONS
- Professional Engineer
  - IA, #P24844
  - NE, #E-17259
  - WA, #44817
- 40-Hour HAZWOPER with annual 8-hour refresher
- Excavation and Trenching Competent Person
- CPN Nuclear Density Gauge Certification
- Certified CQA Geosynthetic Materials and Compacted Clay Liner Inspector
- CPR and First Aid
- MSHA Part 46

EXPERTISE
LFG Modeling, LFG System Design, Air Compliance, Emission Calculations, Landfill Cell and Closure Design, CQA and CM, Closure/Post-Closure Plans, Cost Estimates, Financial Assurance

WORK HISTORY
Blackstone Environmental, Senior Project Engineer, January 2022 – present

HDR, Senior Solid Waste Engineer - Project Manager, January 2017 – December 2021

SCS Engineers, Senior Project Engineer, July 2006 – December 2016

AFFILIATIONS
- Member, American Institute of Chemical Engineers (AIChE)
- Member, Solid Waste Association of North America (SWANA)

PROFESSIONAL EXPERIENCE

Mr. Sonsthagen has led environmental and solid waste projects for public and private clients for the past 18 years. Eric's experience includes design, review, and oversight of landfill gas control and mitigation systems, designing and implementing modifications to gas collection and control systems (GCCS), and oversight and management of small and large construction projects including landfill cell construction and landfill closure. Mr. Sonsthagen has experience calculating landfill gas emissions, greenhouse gas (GHG) emissions, and estimating recoverable landfill gas. His permitting experience includes performing landfill locational analysis, solid waste permit and renewal applications, Title V permit and renewal applications, minor and major permit modifications, notice of construction applications, New Source Performance Standard (NSPS) reporting, emission inventories, compliance evaluations, and regulatory assistance. His project experience includes:

SOLID WASTE

- Landfill Gas Engineering and Modeling
- Landfill Gas Beneficial Reuse Evaluations
- Landfill Cell and Closure Engineering
- Construction Quality Assurance / Construction Management
- Solid Waste Planning
- Solid Waste Transfer Station Engineering
- Cost Estimating and Financial Assurance

AIR PERMITTING

- Title V Applications and Permit Modifications
- Permit to Operate/Construct Applications
- CAA, LFG, GHG Emission Inventories and Reporting
- NSPS and NESHAP Support

ENVIRONMENTAL

- LFG, Soil, Groundwater, and Air Sampling and Monitoring
- Phase 1 Environmental Site Assessments
- Spill Prevention Control and Countermeasure

PROJECTS

ENVIRONMENTAL SAMPLING AND MONITORING

CenterCal Properties LLC, Soil and Groundwater Sampling, Station Park Property*, Farmington, UT*
Eric was responsible for sampling activities, data management and interpretation, and report preparation for the performance of a soil and groundwater sampling investigation at the Station Park property in Farmington, UT. Tasks involved the installation of five small-diameter groundwater wells and 18 direct-push borings to delineate the nature and extent of petroleum contamination identified at the site during a previous Phase II environmental site investigation. The suspected source of the release was a petroleum pipeline that transits the property. Soil and groundwater samples were collected and analyzed for diesel-range and oil-range petroleum hydrocarbons. The small-diameter wells were installed with the direct-push equipment, developed, and sampled. The well casing top elevations were surveyed so that the groundwater slope and likely flow direction could be calculated. The results of the investigation were provided in a report that included previously issued Phase I ESA and Phase II reports prepared for the property. (2011-2012)
Role: Staff Engineer

Island County Solid Waste, Groundwater and Landfill Gas (LFG) Environmental Monitoring Report, Coupeville Solid Waste Facility (CSWF)*, Coupeville, WA*
Eric was responsible for data management and interpretation, and report preparation for the development of the quarterly and annual reports for groundwater and landfill gas environmental monitoring at the Coupeville Solid Waste Facility in Coupeville, WA. (2006-2016)
Role: Project Manager

Island County Solid Waste, Landfill Gas (LFG) Data Analysis, Coupeville Solid Waste Facility (CSWF)*, Coupeville, WA*
Eric was responsible for sampling activity support, data review, and report preparation for the preparation of landfill gas data analysis for the Coupeville Solid Waste Facility in Coupeville, WA. The project involved the performance of a landfill gas composition characterization. (2006-2016)
Role: Project Manager

Island County Solid Waste, Monitoring Well Redevelopment, Coupeville Solid Waste Facility (CSWF)*, Coupeville, WA*
Eric was responsible for conducting field activities for the performance of groundwater monitoring well reconditioning at the Coupeville Solid Waste Facility in Coupeville, WA. (2008)
Role: Staff Engineer

Rinker Materials, Groundwater Monitoring, Maltby Facility*, Maltby, WA*
Eric was responsible for sampling activities for the execution of a groundwater monitoring program at a reclamation landfill in Maltby, WA. The project, required by the Snohomish Health District, involved the preparation of a groundwater monitoring plan for review and approval by the Health District and subsequent monitoring well installation and sampling. (2006)
Role: Staff Engineer

Rinker Materials, Soil Sampling, Walling Property West Salem Site*, Salem, OR*

Eric was responsible for technical direction, budget management, scheduling, staffing, subcontractor management, and document preparation for the performance of surface soil sampling at the West Salem Aggregate property located in Salem OR. Composite surface soil samples were collected from 24 locations in several active agricultural fields for pesticides, herbicides and arsenic testing. Samples required a three-day rush analysis and results were presented in a letter report. (2006)
Role: Project Manager

US Army Corps of Engineers, Groundwater Treatment Plant Operations & Maintenance (O&M), Umatilla Chemical Weapons Depot Superfund Site*, Hermiston, OR*
Eric was responsible for sampling and monitoring activities for the O&M of a groundwater pump, treat, and reinjection plant at the Umatilla Chemical Weapons Depot Superfund site in Hermiston, OR. The treatment plant system processes about 1,300 GPM and uses activated carbon and polishing reactors followed by reinjection to flush contaminants from an old sludge lagoon contaminated with RDX and TNT. The project included quarterly to semi-annual groundwater monitoring to determine the progress of clean-up and ensure capture of the contaminant plume around the lagoon, and quarterly to semi-annual monitoring of groundwater at a closed landfill on the site. (2006-2007)
Role: Staff Engineer

US Army Corps of Engineers, Well Drilling, Bunker Hill*, Kellogg, ID*
Eric was responsible for contractor oversight for the installation of monitoring wells at the Bunker Hill Superfund site in Kellogg, ID. The project involved drilling oversight, installation, and the development of ten monitoring wells. Drilling was performed using a Rotosonic drilling method. Cutting samples were continuously logged during drilling to characterize the formation. Wells ranged from 30-150 feet deep and were installed with dedicated low-flow QED bladder pumps in each new well. Two pumps were installed in each existing well. Additional work involved the closure/abandonment of two multiple completion wells and providing 19 stream gauge sets (without installation) to the client. (2006)
Role: Staff Engineer

Waste Management, Inc., Environmental Monitoring, Olympic View Sanitary Landfill (OVSL)*, Port Orchard, WA*
Eric was responsible for sampling activities, data management and interpretation, and majority of report preparation for the performance of environmental monitoring in 2006 and 2007 at the closed Olympic View Sanitary Landfill (OVSL) in Port Orchard, WA. Tasks involve monitoring and reporting for groundwater, landfill gas, leachate, and storm water. Previous work involved the repair and upgrade of the groundwater monitoring network and landfill gas extraction and monitoring system. (2006-2007)
Role: Staff Engineer

Waste Management, Inc., Impoundment Review, Buffalo Ridge Energy Services Facility and Ault Hauling Facility*, CO*
Eric was responsible for performing a regulatory review for impoundments located at the Buffalo Ridge Energy Services and Ault Hauling facilities in Colorado. Services included preparation of an impoundment applicability letter, sampling plan development, coordination with CDPHE, sampling activities, data management and interpretation, Inventory and Preliminary Classification Report (IPCR) preparation, Closure Plan and closure-post closure cost estimate preparation, and storm water calculations. (2020-2021)
Role: Project Manager

PHASE I ENVIRONMENTAL SITE ASSESSMENTS (ESAs)

Rinker Materials, Phase I ESA, Salem Blacktop Property, 1815 22nd St SE*, Salem, OR*

Eric was responsible for scheduling, staffing, subcontractor management, and document preparation for the performance of a Phase I ESA at Salem Blacktop property in Salem, OR. The project was performed in accordance with ASTM E- 1527-05 and included a historical and air photo review, personal interviews, review of utility and site visit information, and the preparation of a report of findings. The Phase I ESA supported Rinker Materials' proposed acquisition of the Salem Blacktop facility. One area of concern included the potential for groundwater contamination resulting from historic mining and filling operations at the property. (2006)
Role: Project Manager

Rinker Materials, Phase I ESA (2006), Lancaster, McGilchrist and West Salem Walling Properties*, Salem, OR*
Eric was responsible for scheduling, staffing, subcontractor management, and document preparation for the performance of a Phase I ESA at three properties near Salem, OR. The project was performed in accordance with ASTM protocol and included a historical and air photo review, personal interviews, review of utility and site visit information, and the preparation of a report of findings. The due diligence effort supported the acquisition of three Walling Properties know as Lancaster Concrete Plant, McGilchrist Office/Shop, and West Salem Aggregate. (2006)
Role: Project Manager

ENVIRONMENTAL INVESTIGATIONS AND REMEDIATION

CenterCal Properties LLC, Phase II Environmental Investigation, Station Park Property*, Farmington, UT*
Eric was responsible for sampling activities, data management and interpretation, and report preparation for the performance of a Phase II environmental site investigation at the Station Park property in Farmington, UT. The project served to catalog miscellaneous chemical containers and suspected hazardous waste at the former Richard Dairy to identify sources of potential contamination and to facilitate developing an estimate to remove the materials for proper transport and disposal. Tasks also involved groundwater and soil sampling at multiple locations, asbestos survey in buildings that are to be demolished and any suspect materials among the wastes at the property, developing estimates for the decommissioning of abandoned wells and septic tanks, and identification and disposal of non-hazardous waste materials including vehicles, equipment, debris, soil piles, and tires. Referenced groundwater samples were collected along the length of two petroleum pipelines to evaluate evidence of a past release. Soil samples were collected at the reported former locations of two above-ground storage tanks (ASTs) to evaluate the potential for remaining petroleum contamination. Additional soil samples were collected for pesticide analysis at various locations around the dairy. Groundwater samples were also collected and archived for subsequent analysis in the event that pesticide contamination was identified in the soil. A written notice was prepared for the City of Farmington (Public Works and Leisure Services) regarding regulatory requirements for spill planning and storm water planning. (2006-2007)
Role: Staff Engineer

Friday Harbor, Town of, Landfill Remedial Investigation, Friday Harbor Landfill*, Friday Harbor, WA*
Eric was responsible for sampling activities for the execution of a landfill remedial investigation at the Friday Harbor Landfill in Friday Harbor, WA. The project served to evaluate the nature and extent of vinyl chloride in the groundwater. Tasks involved installing three additional monitoring wells in an aquifer, groundwater sampling, completion of a natural attenuation evaluation (including dissolved gas analysis), and regional geologic research and mapping of nearby domestic wells. (2006)
Role: Staff Engineer

Rinker Materials, Additional Phase II Environmental Investigation, Salem Blacktop Property*, Salem, OR*
Eric was responsible for technical direction, budget management, scheduling, staffing, subcontractor management, and document preparation for the performance of a Phase II environmental site investigation at the Salem Blacktop property in Salem, OR. Tasks involved the installation of four groundwater monitoring wells to approximately 15 feet bgs. Soil sampling was performed during the drilling. Five soil samples and five groundwater samples were analyzed for diesel-ranged petroleum hydrocarbons using the NWTPH-Dext method. In addition, five soil samples and ten groundwater samples were analyzed for RCRA metals. Both filtered and unfiltered groundwater samples were collected for RCRA metal analysis. The information collected during the assessment was presented in a concise letter report. (2007)
Role: Project Manager

Rinker Materials, Phase II Environmental Investigation, Salem Blacktop Property*, Salem, OR*
Eric was responsible for technical direction, budget management, scheduling, staffing, subcontractor management, and document preparation for the performance of a Phase II environmental site investigation at Salem Blacktop property in Salem, OR. Five borings were installed to depths of 10 to 15 feet bgs. Four borings were completed as two inch groundwater monitoring wells to a depth of 15 feet bgs. One soil boring was installed to a depth of 10 feet. Soil samples were field screened using an organic vapor meter (OVM), and the lithology was recorded on the field logs. One soil sample was retained from each boring location. Two soil samples and four groundwater samples were analyzed for diesel-ranged petroleum hydrocarbons using the NWTPH-Dext method. In addition, one soil sample and eight groundwater samples were analyzed for RCRA metals. Both filtered and unfiltered groundwater samples were collected for RCRA metal analysis. The information collected during the assessment was presented in a concise letter report. (2007)
Role: Project Manager

SATO Corporation, Soil Vapor Extraction (SVE) System Installation, Overlake Village Shopping Center, 2400 148th Ave NE*, Redmond, WA*
Eric was responsible for sampling activities, data management, and interpretation for the installation of a soil vapor extraction (SVE) system at the Overlake Village Shopping Center in Redmond, WA. Tasks included installing SVE extraction wells inside and outside a former dry cleaner tenant space, installing a blower and activated carbon in a fenced compound behind the space, and designing a two-drum system of activated carbon in series to trap vapors removed from soil. Periodic sampling provided information about total mass of contaminant being removed and appropriate time to replace the carbon drums. (2007)
Role: Staff Engineer

Washington State Military Department, Phase II Environmental Site Investigation, Seattle Armory*, Seattle, WA*
Eric was responsible for data management and interpretation for the performance of a Phase II environmental site investigation at the Seattle Armory in Seattle, WA. The site is located on filled tidelands adjacent to a railroad yard. Challenges at the site derive from free petroleum project from a former UST near a former Navy laundry facility, groundwater contamination from two former USTs at the vehicle maintenance shop, and potential groundwater contamination by metals and pesticides. Potential off-site sources include a landfill, former fueling facility, and a small steel plant. Tasks included developing a sampling and analysis plan, quality assurance plan, installing and developing groundwater wells, collecting soil and groundwater samples, and developing a remediation plan based on available information. The continued investigation and clean-up activities are in support of the State's intent to vacate and sell the property. (2007)
Role: Staff Engineer

SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC)

Rinker Materials, SPCC Plan, Everett Facility, *Everett, WA*
Eric was responsible for engineering review for the preparation of an SPCC plan for the Rinker Everett facility located in Everett, WA. A site inspection of petroleum storage facilities was conducted, in addition to an oil/chemical inventory and BMP site evaluation. Finally, a plan was prepared to serve as a template for use at other Rinker facilities. (2007)
Role: Staff Engineer

Rinker Materials, Storm Water Pollution Control (SWPC) Plan and SPCC Plan, Swan Island Pacific Rock Products Facility, *Portland, OR*
Eric was responsible for engineering review for the preparation of a storm water NPDES permit application for a new sand and gravel operation at Swan Island located in Portland, OR. The work included completion of the permit application, preparation of a SWPC plan, as well as a SPCC plan, and a site inspection. Training for facility staff regarding the of storm water compliance samples was given. (2007)
Role: Staff Engineer

APPENDIX C

LIMITED HAZARDOUS MATERIALS SURVEY

Limited Hazardous Materials Survey

Former Hospital
104 Broadway Place
Anamosa, Iowa

Prepared for:
Jones County Economic Development
107 South Ford Street, Anamosa, Iowa 52205
and
East Central Intergovernmental Association (ECIA)
7600 Commerce Park, Dubuque, Iowa 52002

Prepared by:
Blackstone Environmental
16200 Foster Street
Overland Park, Kansas 66085

BLACKSTONE ENVIRONMENTAL

March 14, 2024

Limited Hazardous Materials Survey
Former Hospital
104 Broadway Place
Anamosa, Jones County, Iowa

Prepared for:
Jones County Economic Development
107 South Ford Street
Anamosa, Iowa 52205

And

ECIA
7600 Commerce Park
Dubuque, Iowa 52002

Prepared by:

Tyler J. Sundell, RG
Environmental Geologist

Reviewed by:

Lindsay E. James, RG
Senior Project Manager

And

Megan Ostrand
Project Manager

BLACKSTONE ENVIRONMENTAL

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2.1 Lead XRF Sample Data – 104 Broadway Place (Apartment)
2.2 Lead XRF Sample Data – 104 Broadway Place (Hospital)

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B. Inspector Certificates
C. Photographic Documentation
D. Field Notes – Sample Locations and Building Layout
E. XRF Specifications & User Manual
F. H&S Meeting Attendance

1.0 INTRODUCTION

Blackstone Environmental, Inc. (Blackstone) was retained by the East Central Intergovernmental Association (ECIA) to conduct a limited hazardous materials survey for suspect lead-based paint (LBP) and asbestos-containing materials (ACM) at Former Hospital property located at 104 Broadway Place, Anamosa, Iowa (Site). The intent of this inspection was to locate, identify, and quantify LBP and ACM that will be impacted during upcoming renovation activities. The work was conducted in general accordance with the Property-Specific Sampling and Analysis Plan (PSAP) for the Quality Assurance Project Plan dated December 18, 2023. At the time the PSAP was executed the building owner's intent was to renovate the property. One deviation from the PSAP was noted and is discussed below in section 2.3.

Tyler Sundell, certified Environmental Protection Agency (EPA) AHERA Asbestos Inspector performed the ACM inspection February 28, 2024. Logan Drake, Lead Inspector/Risk Assessor certified by the Iowa Department of Public Health (IDPH) performed the LBP inspection March 11, 2024. Certifications for inspectors are located in Appendix B. Prior to field activities commencing a health and safety meeting was conducted by Tyler Sundell of Blackstone. Health and Safety (H&S) meeting attendance sheet is located in Appendix F.

2.0 FIELD SURVEY PROCEDURES AND SAMPLE ANALYSIS METHODS

2.1 Asbestos Survey

The asbestos survey was conducted in general accordance with *Guidance for Controlling Asbestos Containing Materials in Buildings*, 40 CFR 763, 29 CFR 1926.1101, 40 CFR 61, 29 CFR 1910.134, AHERA, National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations.

Survey procedures included the visual observation and identification of building materials suspected of containing asbestos and collection of bulk samples of suspect materials. Physical assessment of suspect building materials is conducted by evaluating whether a building material is friable or non-friable, and the current condition of the material. According to AHERA, a "friable material" can be reduced to dust or powder with hand pressure. Examples of friable materials may include, but are not limited to, drywall texture, sprayed-on acoustical ceiling, and some thermal system insulation. The EPA considers glass, metal, concrete, fiberglass, rubber, and brick to be non-suspect ACM, and consequently, those materials were not sampled.

Based on observations by the EPA-certified Asbestos Inspector, 45 bulk samples were collected for analysis. Field estimation of the quantity of each suspected material was used to determine the number of samples to be taken of suspect ACM. The inspection was characterized by

observations of accessible areas.

Bulk samples were placed into individual plastic bags and labeled with an assigned sample number. A summary of the samples collected, positive sample locations, and asbestos content is presented in Table 1.

The bulk samples collected were submitted to Cates Laboratories in Dallas Texas. Cates Laboratories is certified through the EPA National Voluntary Laboratory Accreditation Program (NVLAP) for Asbestos Fiber Analysis (NVLAP Lab Code 200569-0). Samples were analyzed by Polarized Light Microscopy (PLM) as outlined in the EPA 600/R-93/116 Method. The laboratory provides the approximate percentage of asbestos fibers in the sample and identifies the crystal form of the asbestos. Samples that are found to contain less than one percent asbestos fibers will be further analyzed by 1000-point count in accordance with the EPA test method. Sample CM-1-2 was <1% ACM, but was not point counted as subsequent samples of the same material contained greater than 1% ACM.

2.2 Lead-Based Paint Survey

The purpose of the LBP Survey was to conduct a surface-by-surface investigation of painted components inside and outside of the buildings to determine which painted surfaces contain lead.

Some of the test locations exhibited lead-in-paint levels below the level that EPA identifies as LBP, specifically 0.5% by weight or 1.0 mg/cm^2. Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit worker exposure and the spread of dust.

The lead regulatory levels used for preparing this LBP evaluation or when evaluating data collected are 0.5% by weight (or 5,000 ppm) or 1.0 mg/cm^2.

Testing was accomplished through the use of an SciAps X-550 x-ray fluorescence (XRF) to collect lead levels on painted surfaces. The XRF determines the chemistry of a sample by measuring the fluorescent x-rays emitted from the sample that returns to the XRF after irradiated energy is released onto the sample. Field validation checks of the XRF were also performed at the beginning and end of test operations on the day of testing. Validation checks were performed through a series of three tests on a NIST SRM paint film. Results of the validation checks indicated that the XRF unit was calibrated properly.

2.3 Deviations from PSAP

A SciAps X-550 XRF was utilized as an alternative to the Olympus Delta Handheld XRF designated in the PSAP. SciAps X-550 model meets necessary specifications and is similar to the Olympus Delta XRF. SciAps X-550 model was utilized because it was the unit available at the time of inspection. Performance characteristics sheet and user manual are included in Appendix E.

3.0 ACM AND LBP SURVEY RESULTS

3.1 ACM Results

This survey was conducted to determine whether asbestos is present in interior areas of the building, in preparation for building renovation activities. Based on observations by the EPA-certified Asbestos Inspector, 45 bulk samples were collected for analysis. Of the 45 bulk samples collected, 11 samples contained greater than one percent (1%) asbestos and are considered ACM. These samples include: carpet mastic on the first floor, sheet flooring and mastic on the first floor, sheet flooring and mastic on the second floor, and black backing/mastic on the second floor. One sample of the carpet mastic was <1%, but since the other two samples were above 1% it is assumed ACM.

A summary of the complete asbestos testing results is provided in Table 1. Positive results are highlighted and include material condition and quantity estimates. Sample locations of positive materials are presented in Figure 1. Laboratory analytical results are presented in Appendix A. Photographs of positive materials are presented in the photo log in Appendix C.

At the time of the inspection a significant amount of demolition had occurred. Due to this, it is not possible to identify the extent or presence of floor tile, sheet flooring, or carpet mastic that has tested positive.

3.2 LBP Results

The LBP inspection involved a thorough visual examination of accessible areas and field XRF testing of painted surfaces. A total of 304 individual XRF samples were completed for analysis. Of the 304 samples, 65 were completed at the apartment structure located north of the main building and 239 samples were completed at the main building (hospital). Of the 65 samples completed at the apartment, 1 sample contained LBP greater than or equal to 1.0 mg/cm^2. Of the 239 samples completed at the hospital, 0 samples contained LBP greater than or equal to 1.0 mg/cm^2. Samples containing LBP greater than or equal to 1.0 mg/cm^2 were collected from the following locations:

- All original painted door transitions (Apartment)

A summary of the complete LBP testing results is provided in Table 2.1 and Table 2.2 for the Apartment and Hospital, respectively. Building layout information is provided in Appendix D. Positive results are highlighted and include material condition. Photographs of positive materials are presented in the photo log in Appendix C.

Some of the test locations exhibited lead-in-paint levels below the level that EPA identifies as LBP, specifically 0.5% by weight or 1.0 mg/cm^2. Such surfaces could create dust-lead or soil-lead hazards if the paint is turned into dust by abrasion, scraping, or sanding. Should these or any lead containing components or surfaces be disturbed in any manner that generates dust, care should be taken to limit worker exposure and the spread of dust.

4.0 CONCLUSIONS AND RECOMMENDATIONS

This report, and the supporting data, findings, conclusions, opinions, and the recommendations it contains, represents the result of Blackstone's sampling efforts. This report is not a lead or asbestos abatement specification and should not be used for specifying removal methods or techniques.

Multiple forms of ACM were identified that will be impacted by the project at the Former Hospital. These materials will require complete abatement prior to the start of the project per all applicable federal and state regulations. Due to the observed building material disturbance and commingling of materials, disturbed or comingled materials may be required to be disposed of as presumed asbestos containing materials (PACM). It is recommended that an Asbestos Operations and Maintenance (O&M) Plan be created, and a building staff member be trained as an Asbestos Maintenance Worker to ensure the O&M Plan is followed. It is also recommended that the O&M Plan remain in effect until all asbestos has been abated.

OSHA requires that warning signs be posted at all entrances to a room, alerting occupants to the presence of ACM. The warning signs, according to 29 CFR 1910.l00l(j)(4), signs must provide the following information:

DANGER
ASBESTOS
MAY CAUSE CANCER
CAUSES DAMAGE TO LUNGS
AUTHORIZED PERSONNEL ONLY

Work which disturbs painted surfaces containing lead shall be performed in accordance with the OSHA, 29 CFR 1926.62 (Lead in Construction Standard) and EPA's 40 CFR 745 regulation.

Personal air monitoring should be conducted when disturbing lead-based paints and lead containing materials as per 29 CFR 1926.62 (OSHA).

In addition, all waste generated as part of the project, regardless of the lead content in the paint, shall be tested in accordance with the Resource Conservation and Recovery Act (RCRA) to determine the classification of the waste. Under RCRA, any waste material that when tested by Toxicity Characteristics Leaching Procedure (TCLP) results in a leachate lead concentration of five (5) parts per million or greater must be disposed of at an EPA licensed hazardous waste facility.

5.0 GREEN AND SUSTINABLE EFFORTS

Green and Sustainable Remediation (GSR) techniques were implemented during the surveys and included: using non-disposable equipment for sampling when possible, not letting vehicles idle, and submitting electronic reports as pdfs instead of printing.

6.0 LIMITATIONS

This report was prepared in accordance with the level of skill and care ordinarily exercised by other members of Blackstone's profession practicing in the same locality and under similar conditions when the services were provided. This report was prepared in accordance with the terms and conditions of our contract with ECIA and Jones County Economic Development. This report is intended for the exclusive use of our Client. No warranties, express or implied, are intended or made.

Opinions and recommendations presented in this report apply to site conditions and features as they existed at the time of Blackstone's site visit. It is important to recognize that even the most comprehensive scope of services may fail to detect all ACM that may be associated with the property. Therefore, Blackstone cannot act as insurers and cannot "certify" that all ACM associated with the property has been identified, and no expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by our Client, with the customary thoroughness and competence of our profession.

Blackstone has completed a thorough assessment of each unique painted surface within the interior and exterior of the areas of the buildings identified in the scope of work. If a different painted surface is identified during demolition that has not been tested, it should be assumed positive for LBP. Additional testing may be completed to determine the presence or absence of LBP.

The conclusions presented in this report are professional opinions based solely upon Blackstone's visual observations of accessible areas, laboratory test data, and current regulatory requirements. These conclusions are intended exclusively for the purpose stated herein, at the site indicated, and for the project indicated.

TABLES

Table 1 – Asbestos Data
Table 2.1 – Lead XRF Data (Apartment)
Table 2.2 – Lead XRF Data (Hospital)

Table 1 - Asbestos Sample Data

Field ID	Sample ID	Locations	Component	Quantity SF/LF	Condition	Asbestos Content
1	VFT-1-1	Throughout first floor	12x12" beige pattern tile	~2000 SF	good	ND
2	VFT-1-2		black mastic			ND
3	VFT-1-3					ND
4	CT-1-1	Throughout first and second floor	Ceramic tile, 2x2" blue pattern	~2000 SF	good	ND
5	CT-1-2					ND
6	CT-1-3					ND
7	CWT-1-1	Pillars on first floor	ceramic wall tile, 4x4" pattern	~200 SF	good	ND
8	CWT-1-2					ND
9	CWT-1-3					ND
10	CM-1-1	North wall of first floor	carpet	~500 SF	good	ND
			black mastic			5% Chrysotile
11	CM-1-2		yellow mastic			<1% Chrysotile
12	CM-1-3		black mastic			5% Chrysotile
13	CB-1-1	Throughout first floor	Cove base, 4" gray	~1000 LF	good	ND
14	CB-1-2		yellow mastic			ND
15	CB-1-3					ND
16	PW-1-1	Throughout crawl space on first and second floor	pipe wrap	~200 LF	good	ND
17	PW-1-2					ND
18	PW-1-3					ND
22	SF-1-1	First floor, west of the north entrance under the canopy	sheet flooring, gray pattern	~200 SF	good	ND
			black backing/mastic			65% Chrysotile
23	SF-1-2		sheet flooring, gray pattern			ND
			black backing/mastic			65% Chrysotile
24	SF-1-3		sheet flooring, gray pattern			ND
			black backing/mastic			65% Chrysotile
25	CT-2-1	Stairwell between floors	ceramic tile, 4x4" red			ND
26	CT-2-2					ND
27	CT-2-3					ND
28	PL-1-1	Throughout first and second floor	plaster			ND
29	PL-1-2					ND
30	PL-1-3					ND
31	VFT-2-1	Throughout second floor	12x12" gray pattern tile, yellow mastic			ND
			black mastic			5% Chrysotile
32	VFT-2-2		12x12" gray pattern tile, yellow mastic			ND
			black mastic			5% Chrysotile
33	VFT-2-3		12x12" gray pattern tile, yellow mastic			ND
			black mastic			5% Chrysotile
34	VFT-3-1	Throughout second floor, mostly near south entrance	12x12" gray tile			ND
35	VFT-3-2		yellow mastic			ND
36	VFT-3-3					ND
37	SF-2-1	Second floor, west northwest of south entrance	sheet flooring, rock pattern	~150 SF	good	ND
			black backing/mastic			65% Chrysotile
38	SF-2-2		sheet flooring, rock pattern		peeling in places	ND
			black backing/mastic			65% Chrysotile
39	SF-2-3		sheet flooring, rock pattern			ND
			black backing/mastic			65% Chrysotile
40	CT-3-1	Second floor, west northwest of south entrance	ceramic tile, 2x2" red			ND
41	CT-3-2					ND
42	CT-3-3					ND
43	SR-1-1	Throughout second floor of Nun house	sheet rock			ND
44	SR-1-2					ND
45	SR-1-3					ND
46	FM-1-1	Throughout second floor of Nun house	floor mastic on concrete slab			ND
47	FM-1-2					ND
48	FM-1-3					ND

Notes:
ID = identifiation
SF = square feet
LF = linear feet
ND = non-detect
~ = approximately

Table 2.1 - Lead XRF Sample Data
104 Broadway Place (Apartment)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
300	Tan	Exterior	Siding	Wood	Deteriorated	North	0
301	White	Exterior	Door Trim	Wood	Deteriorated	North 1	0
302	White	Exterior	Door Slab	Metal	Deteriorated	North 1	0
303	White	Exterior	Window Trim	Wood	Deteriorated	North 1	0
304	White	Exterior	Window Sill	Wood	Deteriorated	North 1	0.7
305	White	Exterior	Window Trough	Wood	Deteriorated	North 1	0
306	White	Exterior	Window Sash	Wood	Deteriorated	North 1	0
307	White	Exterior	Window Sash	Wood	Deteriorated	North 3	0.0
308	White	Exterior	Window Trough	Wood	Deteriorated	North 3	0.0
309	White	Exterior	Window Sill	Wood	Deteriorated	North 3	0.3
310	White	Exterior	Window Trim	Wood	Deteriorated	North 3	0.4
311	White	Exterior	Door Trim	Wood	Deteriorated	North 2	0.8
312	White	Exterior	Door Slab	Wood	Deteriorated	North 2	0
313	Tan	Exterior	Siding	Wood	Deteriorated	East	0
314	Tan	Exterior	Siding	Wood	Deteriorated	South	0
315	White	Exterior	Door Trim	Wood	Deteriorated	South	0.9
316	White	Exterior	Door Jamb	Wood	Deteriorated	South	0.7
317	Red	Exterior	Door Slab	Wood	Deteriorated	South	0.4
318	White	Exterior	Door Transition	Wood	Deteriorated	South	1.9
319	White	Exterior	Window Sill	Wood	Deteriorated	South 3	0
320	White	Exterior	Window Trim	Wood	Deteriorated	South 3	0
321	White	Exterior	Window Trough	Wood	Deteriorated	South 4	0
322	White	Exterior	Soffit	Wood	Deteriorated	South	0.4
323	White	Exterior	Fascia	Wood	Deteriorated	South	0
324	Tan	Exterior	Siding	Wood	Deteriorated	West	0.2
325	White	Exterior	Window Sill	Wood	Deteriorated	West 2	0
326	White	Exterior	Window Trim	Wood	Deteriorated	West 2	0
327	White	Exterior	Window Trough	Wood	Deteriorated	West2	0
328	Varnish	Main Open	Window Sash	Wood	Deteriorated	North 1	0
329	White	Main Open	Window Trough	Wood	Deteriorated	North 1	0.2
330	White	Main Open	Window Trough	Wood	Deteriorated	North 4	0
331	Varnish	Main Open	Window Sash	Wood	Deteriorated	North 4	0
332	Varnish	Main Open	Door Slab	Wood	Deteriorated	North	0
333	Varnish	Main Open	Door Jamb	Wood	Deteriorated	North	0
334	Varnish	Main Open	Window Sash	Wood	Deteriorated	South 1	0
335	White	Main Open	Window Trough	Wood	Deteriorated	South 1	0.4
336	White	Main Open	Window Trough	Wood	Deteriorated	South 3	0.3
337	Varnish	Main Open	Window Sash	Wood	Deteriorated	South 3	0
338	Varnish	Stairs to basement	Door Slab	Wood	Deteriorated	South	0

Table 2.1 - Lead XRF Sample Data
104 Broadway Place (Apartment)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
339	Varnish	Stairs to basement	Window Trim	Wood	Deteriorated	South	0.4
340	Varnish	Stairs to basement	Window Trim	Wood	Deteriorated	South	0
341	Varnish	Basement Open	Window Sash	Wood	Deteriorated	North 2	0.1
342	White	Basement Open	Window Trough	Wood	Deteriorated	North 2	0
343	White	Basement Open	Door Jamb	Wood	Deteriorated	North	0
344	White	Basement Open	Door Slab	Wood	Deteriorated	North	0
345	Varnish	Basement Open	Window Sash	Wood	Deteriorated	North 5	0
346	Gray	Basement Open	Door Jamb	Wood	Deteriorated	North 2	0
347	Gray	Basement Open	Door Slab	Metal	Deteriorated	North2	0
348	Pink	Basement Bath	Wall	Concrete	Deteriorated	South	0
349	Green	Basement Bath	Wall	Wood	Deteriorated	South	0
350	Varnish	Basement Bath	Window Sash	Wood	Deteriorated	South 2	0
351	White	Basement Bath	Window Trough	Wood	Deteriorated	South 2	0.2
352	Varnish	Basement Utility	Window Sash	Wood	Deteriorated	South	0
353	Tan	Basement Utility	Wall	Drywall	Deteriorated	North	0
354	Tan	Basement Utility	Wall	Drywall	Deteriorated	East	0
355	Tan	Basement Utility	Wall	Drywall	Deteriorated	West	0
356	Tan	Basement Utility	Wall	Concrete	Deteriorated	South	0
357	White	Basement Utility	Chair Rail	Wood	Deteriorated	South	0
358	Tan	Basement Utility	Ceiling	Drywall	Deteriorated		0
359	Tan	Basement Storage	Wall	Concrete	Deteriorated	South	0
360	Tan	Basement Storage	Pipe (ceiling)	Metal	Deteriorated		0
361	Varnish	Basement Storage	Window Sash	Wood	Deteriorated	South	0
362	Varnish	Stair to Basement	Stringer	Wood	Deteriorated	East	0
363	White	Exterior	Soffit	Wood	Deteriorated	North	0.5
364	White	Exterior	Fascia	Wood	Deteriorated	North	0.4

Notes:

mg/cm^2 = milligrams per cubic centimeter

= positive

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
371	White	2nd Floor North open	Door Slab	Metal	Deteriorated	East	0
372	White	2nd Floor North open	Door Frame	Metal	Deteriorated	East	0
373	White	2nd Floor North open	Wall	Plaster	Deteriorated	South	0
374	Green	2nd Floor North open	Wall	Plaster	Deteriorated	South	0
375	Tan	2nd Floor North open	Wall	Plaster	Deteriorated	South	0.1
376	Tan	2nd Floor North open	Wall	Plaster	Deteriorated	South	0
377	Green	2nd Floor North open	Wall	Plaster	Deteriorated	South	0
378	White	2nd Floor North open	Door Frame	Metal	Deteriorated	West	0
379	Varnish	2nd Floor North open	Door Slab	Wood	Intact	West	0
380	White	West Stairwell to 2nd flr	Wall	Block	Intact	North	0
381	White	West Stairwell to 2nd flr	Wall	Block	Intact	East	0
382	White	West Stairwell to 2nd flr	Wall	Block	Intact	West	0
383	White	West Stairwell to 2nd flr	Wall	Block	Intact	South	0
384	White	West Stairwell to 2nd flr	underside of stairs	Concrete	Intact		0
385	Tan	West Stairwell to 2nd flr	Vent Cover	Metal	Deteriorated	East	0
386	White	West Stairwell to 2nd flr	Handrail	Metal	Deteriorated	West	0
387	White	West Stairwell to 2nd flr	Handrail	Metal	Deteriorated	North	0.1
388	Varnish	West Stairwell to 2nd flr	Door Slab	Wood	Intact	East	0
389	Tan	West Stairwell to 2nd flr	Door Frame	Metal	Deteriorated	East	0
390	Tan	West Stairwell to 2nd flr	Ceiling	Metal	Deteriorated		0
391	Varnish	2nd Floor East Entry	Window Trim	Wood	Deteriorated	East 2	0
392	White	2nd Floor East Entry	Door Slab	Metal	Deteriorated	East	0
393	White	2nd Floor East Entry	Door Frame	Metal	Deteriorated	East	0
394	White	2nd Floor East Entry	Door Frame	Metal	Deteriorated	South	0
395	White	2nd Floor East Entry	Door Frame	Metal	Deteriorated	West	0.2
396	White	2nd Floor East Entry	Door Slab	Metal	Deteriorated	West	0
397	White	Garage Entry	Door Frame	Metal	Deteriorated	North	0
398	Green	Garage Entry	Wall	Block	Intact	North	0
399	Green	Garage Entry	Wall	Block	Intact	East	0
400	White	Garage Entry	Wall	Block	Intact	East	0
401	White	Garage Entry	Wall	Block	Intact	South	0
402	White	Garage Entry	Door Slab	Metal	Deteriorated	East	0
403	White	Garage Entry	Door Frame	Metal	Deteriorated	East	0
404	Black	Garage Entry	Door Frame	Metal	Intact	South	0
405	Black	Garage Entry	Door Slab	Metal	Intact	South	0
406	White	Garage Entry	Door Slab	Metal	Deteriorated	West	0
407	White	Garage Entry	Door Frame	Metal	Deteriorated	West	0.5
408	White	Garage Entry	Door header	Metal	Deteriorated	West	0
409	White	Garage	Overhead Door	Wood	Deteriorated	South 1	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
410	White	Garage	Door Trim	Wood	Deteriorated	South 1	0
411	Tan	Garage	Door Trim	Wood	Deteriorated	South 2	0
412	White	Garage	Overhead Door	Metal	Intact	South 2	0
413	White	Garage	Wall	Block	Intact	West	0
414	White	Garage	Wall	Block	Intact	South	0
415	Gray	Garage	Door Slab	Metal	Deteriorated	West	0
416	Gray	Garage	Door Frame	Metal	Deteriorated	West	0
417	White	Garage	Ceiling	Drywall	Intact		0
418	Tan	2nd Floor South Open	Wall	Plaster	Deteriorated	North	0
419	Tan	2nd Floor South Open	Wall	Plaster	Deteriorated	East	0
420	Tan	2nd Floor South Open	Wall	Plaster	Deteriorated	West	0
421	Green	2nd Floor South Open	Wall	Plaster	Deteriorated	West	0
422	White	2nd Floor South Open	Wall	Plaster	Deteriorated	North	0
423	Green	2nd Floor South Open	Wall	Plaster	Deteriorated	South	0
424	White	2nd Floor South Open	Door Frame	Metal	Deteriorated	East 1	0
425	White	2nd Floor South Open	Door frame	Metal	Deteriorated	West	0
426	White	2nd Floor South Open	Door Slab	Metal	Deteriorated	West	0
427	White	2nd Floor South Open	Door Slab	Metal	Deteriorated	East 2	0
428	White	2nd Floor South Open	Door Frame	Metal	Deteriorated	East	0
429	White	2nd Floor South Open	Window Sash	Wood	Deteriorated	East	0
430	White	2nd Floor South Open	Wall	Drywall	Deteriorated	East	0
431	Tan	2nd Floor South Open	Wall	Wood	Deteriorated	South	0
432	Red	2nd Floor South Open	support Post	Metal	Deteriorated	South 2	0
433	Red	2nd Floor South Open	Support Post	Metal	Deteriorated	North 3	0
434	Red	2nd Floor South Open	I Beam (Ceiling)	Metal	Deteriorated	North	0
435	Tan	SW Stairwell to 2nd flr	Wall	Plaster	Deteriorated	North	0
436	Tan	SW Stairwell to 2nd flr	Wall	Plaster	Deteriorated	South	1
437	White	SW Stairwell to 2nd flr	Wall	Plaster	Deteriorated	East	0
438	Tan	SW Stairwell to 2nd flr	Wall	Plaster	Deteriorated	West	0
439	Tan	SW Stairwell to 2nd flr	Vent Cover	Metal	Deteriorated	West	0
440	Tan	SW Stairwell to 2nd flr	Ceiling	Metal	Deteriorated		0
441	Tan	SW Stairwell to 2nd flr	Door frame	Metal	Deteriorated	East	0.1
442	Tan	SW Stairwell to 2nd flr	Door Slab	Metal	Deteriorated	East	0
443	White	SW Stairwell to 2nd flr	Handrail	Metal	Deteriorated	South	0
444	White	SW Stairwell to 2nd flr	Riser	Metal	Deteriorated	South	0
445	White	SW Stairwell to 2nd flr	Stringer	Metal	Deteriorated	North	0.1
446	White	SW Stairwell to 2nd flr	Railing	Metal	Deteriorated	West	0
447	White	Storage A 1st Floor	Wall	Block	Intact	North	0
448	White	Storage A 1st Floor	Wall	Block	Intact	West	0
449	Green	Storage A 1st Floor	Wall	Block	Intact	West	0
450	Green	Storage A 1st Floor	Wall	Concrete	Deteriorated	South	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
451	White	Storage A 1st Floor	Wall	Concrete	Deteriorated	South	0
452	Tan	Storage A 1st Floor	Wall	Concrete	Intact	East	0
453	Tan	Storage A 1st Floor	Wall	Block	Intact	North	0
454	Tan	Storage A 1st Floor	Door Slab	Metal	Deteriorated	North 1	0
455	Tan	Storage A 1st Floor	Door Slab	Metal	Deteriorated	North 2	0
456	Tan	Storage A 1st Floor	Door Frame	Metal	Deteriorated	North	0
457	Red	Storage A 1st Floor	I Beam (Ceiling)	Metal	Deteriorated		0
458	Tan	Hydraulic Room	Wall	Block	Intact	North	0
459	Tan	Hydraulic Room	Wall	Block	Intact	East	0
460	Tan	Hydraulic Room	Wall	Block	Intact	West	0
461	Tan	Hydraulic Room	Wall	Concrete	Deteriorated	South	0
462	Tan	Hydraulic Room	Pipe	Metal	Deteriorated	South	0.1
463	Tan	Hydraulic Room	Stack Pipe	Metal	Deteriorated	South	0
464	Tan	Hydraulic Room	Door Slab	Metal	Deteriorated	North 1	0
465	Tan	Hydraulic Room	Door Slab	Metal	Deteriorated	North 2	0
466	Tan	Hydraulic Room	Door Frame	Metal	Deteriorated	North	0.3
467	White	Rm 125 East Laundry	Wall	Block	Intact	North	0
468	White	Rm 125 East Laundry	Wall	Concrete	Deteriorated	East	0
469	White	Rm 125 East Laundry	Wall	Concrete	Deteriorated	South	0
470	White	Rm 125 East Laundry	Wall	Block	Intact	West	0
471	Blue	Rm 125 East Laundry	Door Slab	Metal	Deteriorated	West 1	0
472	Blue	Rm 125 East Laundry	Door Slab	Metal	Deteriorated	West 2	0
473	Blue	Rm 125 East Laundry	Door Slab	Metal	Deteriorated	West 3	0
474	Blue	Rm 125 East Laundry	Door Slab	Metal	Deteriorated	West 4	0
475	Blue	Rm 125 East Laundry	Door Frame	Metal	Deteriorated	West 3	0
476	Blue	Rm 125 East Laundry	Door Frame	Metal	Deteriorated	West 2	0
477	Blue	Rm 125 East Laundry	Door Frame	Metal	Deteriorated	West 1	0.1
478	White	Rm 125 East Laundry	Vent (ceiling)	Metal	Deteriorated		0
479	White	Rm 125 East Laundry	Ceiling	Concrete	Deteriorated		0
480	White	Rm 123 Bio	Wall	Block	Intact	North	0
481	White	Rm 123 Bio	Wall	Block	Intact	East	0
482	White	Rm 123 Bio	Wall	Block	Intact	South	0
483	White	Rm 123 Bio	Wall	Block	Intact	West	0
484	Blue	Rm 123 Bio	Door Slab	Metal	Deteriorated	East	0
485	Blue	Rm 123 Bio	Door frame	Metal	Deteriorated	East	0
486	Tan	Rm 123 Bio	Vent (ceiling)	Metal	Deteriorated		0
487	White	Rm 123 Bio	Ceiling	Concrete	Deteriorated		0
488	Tan	Rm 123 Bio	Pipe (ceiling)	Metal	Deteriorated		0.2
489	White	Rm 124 South Laundry	Wall	Block	Intact	North	0
490	White	Rm 124 South Laundry	Wall	Block	Intact	East	0
491	White	Rm 124 South Laundry	Wall	Block	Intact	South	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
492	White	Rm 124 South Laundry	Wall	Block	Intact	West	0
493	Tan	Rm 124 South Laundry	Door Slab	Metal	Deteriorated	West 1	0.3
494	Tan	Rm 124 South Laundry	Door Slab	Metal	Deteriorated	West 2	0.2
495	Tan	Rm 124 South Laundry	Door Frame	Metal	Deteriorated	West	0
496	Blue	Rm 124 South Laundry	Door Frame	Metal	Deteriorated	East	0
497	Blue	Rm 124 South Laundry	Door Slab	Metal	Deteriorated	East 1	0
498	Blue	Rm 124 South Laundry	Door Slab	Metal	Deteriorated	East 2	0
499	White	Rm 124 South Laundry	Support column	Concrete	Deteriorated	South	0
500	White	Rm 124 South Laundry	Ceiling	Concrete	Deteriorated		0
501	Tan	Rm 124 South Laundry	Pipe (ceiling)	Metal	Deteriorated		0.1
502	White	Rm 122 North Laundry	Wall	Block	Intact	North	0
503	White	Rm 122 North Laundry	Wall	Block	Intact	East	0
504	White	Rm 122 North Laundry	Wall	Block	Intact	South	0
505	White	Rm 122 North Laundry	Wall	Block	Intact	West	0
506	Tan	Rm 122 North Laundry	Door Slab	Metal	Deteriorated	West	0.3
507	Tan	Rm 122 North Laundry	Door Frame	Metal	Deteriorated	West	0
508	Blue	Rm 122 North Laundry	Door Frame	Metal	Deteriorated	East	0
509	Blue	Rm 122 North Laundry	Door Slab	Metal	Deteriorated	East	0
510	White	Rm 122 North Laundry	Ceiling	Concrete	Intact		0
511	White	Mens Restroom 1st Flr	Wall	Block	Intact	North	0
512	White	Mens Restroom 1st Flr	Wall	Block	Intact	East	0
513	White	Mens Restroom 1st Flr	Wall	Block	Intact	South	0
514	White	Mens Restroom 1st Flr	Wall	Block	Intact	West	0
515	Blue	Mens Restroom 1st Flr	Door Slab	Metal	Deteriorated	West	0
516	Tan	Mens Restroom 1st Flr	Door Frame	Metal	Deteriorated	West	0
517	Blue	Mens Restroom 1st Flr	Door Frame	Metal	Deteriorated	East	0
518	Blue	Mens Restroom 1st Flr	Door Slab	Metal	Deteriorated	East	0
519	White	Mens Restroom 1st Flr	Ceiling	Plaster	Deteriorated		0
520	White	Rm 120 Electrical	Wall	Block	Intact	North	0
521	White	Rm 120 Electrical	Wall	Block	Intact	East	0
522	White	Rm 120 Electrical	Wall	Block	Intact	South	0
523	White	Rm 120 Electrical	Wall	Block	Intact	West	0
524	Green	Rm 120 Electrical	Wall	Block	Intact	West	0
525	Green	Rm 120 Electrical	Wall	Block	Intact	South	0
526	Gray	Rm 120 Electrical	Door Slab	Metal	Deteriorated	West	0.4
527	Gray	Rm 120 Electrical	Door Frame	Metal	Deteriorated	West	0
528	Brown	Rm 120 Electrical	Door frame	Metal	Deteriorated	North	0
529	Brown	Rm 120 Electrical	Door Slab	Metal	Deteriorated	North	0
530	Tan	1st Floor Open	Wall	Wood	Deteriorated	North	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
531	Tan	1st Floor Open	Wall	Block	Intact	North	0
532	White	1st Floor Open	Wall	Block	Intact	North	0
533	Varnish	1st Floor Open	Window Trim	Wood	Intact	North	0
534	Varnish	1st Floor Open	Window Sill	Wood	Intact	North	0
535	Varnish	1st Floor Open	Window Trim	Wood	Intact	North	0
536	Green	1st Floor Open	Wall	Block	Intact	North	0
537	White	1st Floor Open	Door Slab	Metal	Deteriorated	North 1	0
538	White	1st Floor Open	Door Slab	Metal	Deteriorated	North 2	0
539	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	North 1	0.3
540	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	North 2	0.2
541	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	North 3	0
542	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	North 4	0
543	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 1	0
544	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 2	0
545	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 3	0.3
546	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 4	0.3
547	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 5	0.2
548	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	South 1	0
549	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	South 2	0
550	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	South 3	0.3
551	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	South 4	0
552	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	South 2	0.2
553	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	South 1	0
554	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	East 4	0.3
555	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	East 3	0
556	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	East 2	0
557	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	East 1	0.0
558	White	1st Floor Open	Wall	Block	Intact	East	0
559	White	1st Floor Open	Wall	Block	Intact	South	0
560	Tan	1st Floor Open	Wall	Block	Intact	South	0
561	Tan	1st Floor Open	Door frame	Metal	Deteriorated	East 5	0.1
562	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 6	0
563	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	East 7	0.1
564	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	West 1	0
565	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	West 1	0
566	Tan	1st Floor Open	Door Frame	Metal	Deteriorated	West 2	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
567	Tan	1st Floor Open	Door Slab	Metal	Deteriorated	West 2	0
568	Tan	1st Floor Open	Wall	Drywall	Deteriorated	West	0
569	Tan	1st Floor Open	Wall	Block	Intact	West	0
570	White	1st Floor Open	Wall	Block	Intact	West	0
571	Green	1st Floor Open	Wall	Block	Intact	West	0
572	Tan	1st Floor Open	Support column	Concrete	Deteriorated	North 1	0
573	White	1st Floor Open	Support column	Concrete	Deteriorated	North 1	0
574	White	1st Floor Open	Support column	Concrete	Deteriorated	North 4	0
575	White	Exterior	Door Slab	Metal	Deteriorated	North 1	0
576	White	Exterior	Door Frame	Metal	Deteriorated	North 1	0
577	White	Exterior	Door Frame	Metal	Deteriorated	North 2	0
578	White	Exterior	Door Slab	Metal	Deteriorated	North 2	0
579	White	Exterior	Door Slab	Metal	Deteriorated	North 3	0
580	Gray	Exterior	I Beam overhang	Metal	Deteriorated	North 2	0
581	Red	Exterior	I Beam Overhang	Metal	Deteriorated	North 3	0
582	Tan	Exterior	Door frame	Metal	Deteriorated	North 4	0
583	Tan	Exterior	Door Slab	Metal	Deteriorated	North 5	0
584	Tan	Exterior	Door Slab	Metal	Deteriorated	North 4	0.4
585	Tan	Exterior	Door Frame	Metal	Deteriorated	East	0
586	Tan	Exterior	Door Slab	Metal	Deteriorated	East	0
587	Tan	Exterior	Handrail	Metal	Deteriorated	East	0
588	White	Exterior	Window Trim	Wood	Deteriorated	East 1	0
589	White	Exterior	Window Trim	Wood	Deteriorated	East 4	0
590	Tan	Exterior	Soffit	Wood	Deteriorated	East	0
591	Tan	Exterior	Fascia	Wood	Deteriorated	East	0
592	Brown	Exterior	Wall	Wood	Deteriorated	North	0
593	Tan	Exterior	Soffit	Wood	Deteriorated	North	0
594	Tan	Exterior	Fascia	Wood	Deteriorated	North	0.1
595	White	Exterior	Fascia	Wood	Deteriorated	North	0
596	White	Exterior	Fascia	Wood	Deteriorated	East	0
597	Black	Exterior	Door Slab	Metal	Intact	South 2	0
598	Black	Exterior	Door Frame	Metal	Intact	South 2	0
599	White	Exterior	Overhead Door	Wood	Deteriorated	South 4	0
600	White	Exterior	Door Slab	Metal	Deteriorated	West	0
601	Brown	Exterior	Door Slab	Metal	Deteriorated	West	0
602	White	Exterior	Door frame	Metal	Deteriorated	West	0
603	White	Exterior	Window Plate	Metal	Deteriorated	North 2	0
604	White	Exterior	Window Plate	Metal	Deteriorated	North 4	0
605	White	Exterior	Column	Concrete	Deteriorated	North 5	0

Table 2.2 - Lead XRF Sample Data
104 Broadway Place (Hospital)

XRF Reading #	Color	Room/Location	Component	Substrate Material	Condition	Side	Result (mg/cm^2)
606	White	Exterior	Window plate	Metal	Deteriorated	South 1	0
607	White	Exterior	Window plate	Metal	Deteriorated	West 6	0
608	Black	Exterior	Roof Metal	Metal	Deteriorated	West	0
609	Green	Exterior	Roof Metal	Metal	Deteriorated	West	0

Notes:

mg/cm^2 = milligrams per cubic centimeter

= positive

APPENDIX A

LABORATORY REPORT

PLM REPORT SUMMARY

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

NVLAP Lab No. 200569-0
TDSHS License No. 30-0287

Client: Blackstone Environmental, Inc.
Project (Line 1): 104 Broadway Place
Project (Line 2):
Project No: 3606
Identification: Asbestos, Bulk Sample Analysis
Test Method: Polarized Light Microscopy/Dispersion Staining (PLM/DS)
EPA Method 600/R-93/116

Lab Job No.: PLM-36480
Set No.: 52202
Report Date: 3/7/2024
Sample Date: Not Provided

On 3/4/2024, forty-five (45) bulk samples were submitted by a representative of Blackstone Environmental, Inc. for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Asbestos Content
CL1235653	VFT-1-1	Beige Streaked 12" X 12"	None Detected - Floor Tile None Detected - Black Mastic
CL1235654	VFT-1-2	Beige Streaked 12" X 12"	None Detected - Floor Tile None Detected - Black Mastic
CL1235655	VFT-1-3	Beige Streaked 12" X 12"	None Detected - Floor Tile None Detected - Black Mastic
CL1235656	CT-1-1	1" X 1" Patterned	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235657	CT-1-2	1" X 1" Patterned	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235658	CT-1-3	1" X 1" Patterned	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235659	CWT-1-1	2" X 2" Blue/Beige	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235660	CWT-1-2	2" X 2" Blue/Beige	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235661	CWT-1-3	2" X 2" Blue/Beige	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235662	CM-1-1	Carpet Mastic	None Detected - Yellow Mastic 5% Chrysotile - Black Mastic
CL1235663	CM-1-2	Carpet Mastic	<1% Chrysotile - Yellow/Black Mastic
CL1235664	CM-1-3	Carpet Mastic	None Detected - Yellow Mastic 5% Chrysotile - Black Mastic

These samples were analyzed by layers. The overall percent asbestos for the sample is reported when relevant. The EPA considers a material to be asbestos containing only if it contains greater than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) – materials that are friable or may become friable – be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. CatesLab utilizes CVAE on a routine basis and does not include point counting unless specifically requested by the client. The results may not be reproduced except in full.

PLM REPORT SUMMARY

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

NVLAP Lab No. 200569-0
TDSHS License No. 30-0287

Client: Blackstone Environmental, Inc.
Project (Line 1): 104 Broadway Place
Project (Line 2):
Project No: 3606
Identification: Asbestos, Bulk Sample Analysis
Test Method: Polarized Light Microscopy/Dispersion Staining (PLM/DS)
EPA Method 600/R-93/116

Lab Job No.: PLM-36480
Set No.: 52202
Report Date: 3/7/2024
Sample Date: Not Provided

On 3/4/2024, forty-five (45) bulk samples were submitted by a representative of Blackstone Environmental, Inc. for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Asbestos Content
CL1235665	CB-1-1	Cove Base Grey	None Detected - Cove Base None Detected - Yellow Mastic
CL1235666	CB-1-2	Cove Base Grey	None Detected - Cove Base None Detected - Yellow Mastic
CL1235667	CB-1-3	Cove Base Grey	None Detected - Cove Base None Detected - Yellow Mastic
CL1235668	PW-1-1	Pipe Wrap - Crawl Space	None Detected
CL1235669	PW-1-2	Pipe Wrap - Crawl Space	None Detected
CL1235670	PW-1-3	Pipe Wrap - Crawl Space	None Detected
CL1235671	SF-1-1	Grey Patterned Sheet Flooring	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235672	SF-1-2	Grey Patterned Sheet Flooring	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235673	SF-1-3	Grey Patterned Sheet Flooring	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235674	CT-2-1	4" X 4" Red Floor Tile	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235675	CT-2-2	4" X 4" Red Floor Tile	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235676	CT-2-3	4" X 4" Red Floor Tile	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235677	PL-1-1	Plaster Wall Cap	None Detected - Paint Layer None Detected - Plaster
CL1235678	PL-1-2	Plaster Wall Cap	None Detected - Paint Layer None Detected - Plaster

These samples were analyzed by layers. The overall percent asbestos for the sample is reported when relevant. The EPA considers a material to be asbestos containing only if it contains greater than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) – materials that are friable or may become friable – be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. CatesLab utilizes CVAE on a routine basis and does not include point counting unless specifically requested by the client. The results may not be reproduced except in full.

PLM REPORT SUMMARY

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

NVLAP Lab No. 200569-0
TDSHS License No. 30-0287

Client: Blackstone Environmental, Inc.
Project (Line 1): 104 Broadway Place
Project (Line 2):
Project No: 3606
Identification: Asbestos, Bulk Sample Analysis
Test Method: Polarized Light Microscopy/Dispersion Staining (PLM/DS)
EPA Method 600/R-93/116

Lab Job No.: PLM-36480
Set No.: 52202
Report Date: 3/7/2024
Sample Date: Not Provided

On 3/4/2024, forty-five (45) bulk samples were submitted by a representative of Blackstone Environmental, Inc. for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Asbestos Content
CL1235679	PL-1-3	Plaster Wall Cap	None Detected - Paint Layer None Detected - Plaster
CL1235680	VFT-2-1	12" X 12" Floor Tile Grey Patterned - 2nd Floor	None Detected - Yellow Mastic None Detected - Flooring 5% Chrysotile - Black Mastic
CL1235681	VFT-2-2	12" X 12" Floor Tile Grey Patterned - 2nd Floor	None Detected - Yellow Mastic None Detected - Flooring 5% Chrysotile - Black Mastic
CL1235682	VFT-2-3	12" X 12" Floor Tile Grey Patterned - 2nd Floor	None Detected - Yellow Mastic None Detected - Flooring 5% Chrysotile - Black Mastic
CL1235683	VFT-3-1	Dark Grey 12" X 12" - 2nd Floor	None Detected - Floor Tile None Detected - Yellow Mastic
CL1235684	VFT-3-2	Dark Grey 12" X 12" - 2nd Floor	None Detected - Floor Tile None Detected - Yellow Mastic
CL1235685	VFT-3-3	Dark Grey 12" X 12" - 2nd Floor	None Detected - Floor Tile None Detected - Yellow Mastic
CL1235686	SF-2-1	Rock Pattern Sheet Flooring - 2nd Floor	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235687	SF-2-2	Rock Pattern Sheet Flooring - 2nd Floor	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235688	SF-2-3	Rock Pattern Sheet Flooring - 2nd Floor	None Detected - Sheet Flooring 65% Chrysotile - Backing/Mastic
CL1235689	CT-3-1	1" X 1" Dark Grey Ceramic Tile - 2nd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235690	CT-3-2	1" X 1" Dark Grey Ceramic Tile - 2nd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset

These samples were analyzed by layers. The overall percent asbestos for the sample is reported when relevant. The EPA considers a material to be asbestos containing only if it contains greater than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) – materials that are friable or may become friable – be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. CatesLab utilizes CVAE on a routine basis and does not include point counting unless specifically requested by the client. The results may not be reproduced except in full.

PLM REPORT SUMMARY

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

NVLAP Lab No. 200569-0
TDSHS License No. 30-0287

Client: Blackstone Environmental, Inc.
Project (Line 1): 104 Broadway Place
Project (Line 2):
Project No: 3606
Identification: Asbestos, Bulk Sample Analysis
Test Method: Polarized Light Microscopy/Dispersion Staining (PLM/DS)
EPA Method 600/R-93/116

Lab Job No.: PLM-36480
Set No.: 52202
Report Date: 3/7/2024
Sample Date: Not Provided

On 3/4/2024, forty-five (45) bulk samples were submitted by a representative of Blackstone Environmental, Inc. for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Lab Sample No.	Client Field I.D.	Sample Description/Location	Asbestos Content
CL1235691	CT-3-3	1" X 1" Dark Grey Ceramic Tile - 2nd Floor	None Detected - Ceramic Tile None Detected - Grout None Detected - Thinset
CL1235692	SR-1-1	Sheetrock	None Detected - Paper None Detected - Wallboard Material
CL1235693	SR-1-2	Sheetrock	None Detected - Paint Layer None Detected - Paper None Detected - Wallboard Material
CL1235694	SR-1-3	Sheetrock	None Detected - Paper None Detected - Wallboard Material
CL1235695	FM-1-1	Floor Mastic	None Detected - Black Mastic None Detected - Concrete
CL1235696	FM-1-2	Floor Mastic	None Detected - Black Mastic None Detected - Concrete
CL1235697	FM-1-3	Floor Mastic	None Detected - Black Mastic None Detected - Concrete

These samples were analyzed by layers. The overall percent asbestos for the sample is reported when relevant. The EPA considers a material to be asbestos containing only if it contains greater than one percent asbestos by Calibrated Visual Area Estimation (CVAE). EPA regulations also indicate that Regulated Asbestos Containing Materials (RACM) – materials that are friable or may become friable – be further analyzed by point counting when the results indicate less than ten percent asbestos by CVAE. CatesLab utilizes CVAE on a routine basis and does not include point counting unless specifically requested by the client. The results may not be reproduced except in full.

PLM REPORT SUMMARY

Cates Laboratories
1339 Motor Circle
Dallas, Texas 75207 (214) 920-5006

NVLAP Lab No. 200569-0
TDSHS License No. 30-0287

Client:	Blackstone Environmental, Inc.	Lab Job No.:	PLM-36480
Project (Line 1):	104 Broadway Place	Set No.:	52202
Project (Line 2):		Report Date:	3/7/2024
Project No:	3606	Sample Date:	Not Provided
Identification:	Asbestos, Bulk Sample Analysis		
Test Method:	Polarized Light Microscopy/Dispersion Staining (PLM/DS) EPA Method 600/R-93/116		

On 3/4/2024, forty-five (45) bulk samples were submitted by a representative of Blackstone Environmental, Inc. for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein.

STATEMENT OF LABORATORY ACCREDITATION

The samples were analyzed in general accordance with the procedures outlined in the U.S. EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples as found in 40 CFR, Part 763, Subpart E, Appendix E (formerly Subpart F, Appendix A), or the current U.S. EPA method (EPA Method 600/R-93/116) for the analysis of asbestos in building materials, by polarized light microscopy. The results of each bulk sample relate only to the material tested and the results shall not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Specific questions concerning bulk sample results shall be directed to the Laboratory Director.

Analyst: Curtis Grigg

Laboratory Director: John R. Cates, P.G.

Approved Signatory:

NVLAP®

TESTING
NVLAP LAB CODE 200569-0

APPENDIX B

ASBESTOS AND LEAD INSPECTOR CERTIFICATE

M·E·T·A

Mayhew Environmental Training Associates

INCORPORATED

Certificate # ANW37YIHEJKI

Tyler Sundell

has on 8/31/2023, in Lawrence, KS completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 USC 2646

Asbestos Inspector Refresher

as approved by IA & the US EPA under 40 CFR 763 (AHERA)
on 8/31/2023 - 8/31/2023 and passed the associated exam on 8/31/2023 with a score of at least 70%

Dean C. Althage

Dean Althage Instructor

R Bruff Mayhew

Thomas Mayhew
President

KANSAS MAYHEW INC. 1987 EST. 1985 ENVIRONMENTAL TRAINING ASSOCIATES SAFETY IN GOD ALONE

SSN: XXX-XX-9850
Expiration: 8/31/2024

P.O. Box 786 - Lawrence, KS. 66044 - 800.444.6382
www.metaenvironmental.net

TYLER SUNDELL

DOB: 02-17-1994

Issued: 10-20-2023

This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
INSPECTOR	23-10849	08-31-2024

Asbestos

Larry Johnson, Jr.
Labor Commissioner

IOWA LEAD & ASBESTOS SAFETY

XRF Calibration Documentation

Pursuant to IAC 641-70.6(135)

Inspection Date	03/11/24
Address	104 Broadway Place (Hospital) Anamosa IA 52205
Year of Construction	1966
Property Owner	Livjoyfull LLC
XRF Brand and Model	SciAps X-550
XRF Serial #	02445
Date of Isotope Sourcing	Feb-24

READINGS ON LEAD STANDARD					
LEAD STANDARD	**(MG/CM2)**	**READING #1**	**READING# 2**	**READING 3#**	**AVERAGE**
(0.8-1.2) 1.02 Calibration Film	Initial Calibration	1.1	1.0	1.0	1.03
	Ending Calibration	1.1	1.1	1.1	1.1
XRF margin of error: +- 0.3 mg/cm2				**XRF properly calibrated: YES**	

Inspector	Logan Drake
Company Name	Iowa Lead Safety
Address	10544 Justin Dr, Urbandale IA 50322
Lead Professional Firm Certification Number	LEAD-FIRM11171
Iowa Lead Inspector/Risk Assessor Certification Number	LEAD-INSP10192

IOWA DEPARTMENT OF PUBLIC HEALTH
Logan E Drake
Lead Inspector/Risk Assessor
Certification Number: LEAD-INSP10192
Expiration Date: March 6, 2026

Signature of Lead Inspector/Risk Assessor _____

IOWA LEAD & ASBESTOS SAFETY

XRF Calibration Documentation

Pursuant to IAC 641-70.6(135)

Inspection Date	03/11/24
Address	104 Broadway Pl (apartment) Anamosa IA 52205
Year of Construction	1970
Property Owner	Livjoyfull LLC
XRF Brand and Model	SciAps X-550
XRF Serial #	02445
Date of Isotope Sourcing	Feb-24

READINGS ON LEAD STANDARD					
LEAD STANDARD	(MG/CM2)	READING #1	READING# 2	READING 3#	AVERAGE
(0.8-1.2) 1.02 Calibration Film	Initial Calibration	1.0	1.0	1.0	1.0
	Ending Calibration	1.0	1.0	1.0	1.0
XRF margin of error: +- 0.3 mg/cm2				XRF properly calibrated:	YES

Inspector	Logan Drake
Company Name	Iowa Lead Safety
Address	10544 Justin Dr, Urbandale IA 50322
Lead Professional Firm Certification Number	LEAD-FIRM11171
Iowa Lead Inspector/Risk Assessor Certification Number	LEAD-INSP10192

IOWA DEPARTMENT OF PUBLIC HEALTH

Logan E Drake

Lead Inspector/Risk Assessor

Certification Number: LEAD-INSP10192

Expiration Date: March 6, 2026

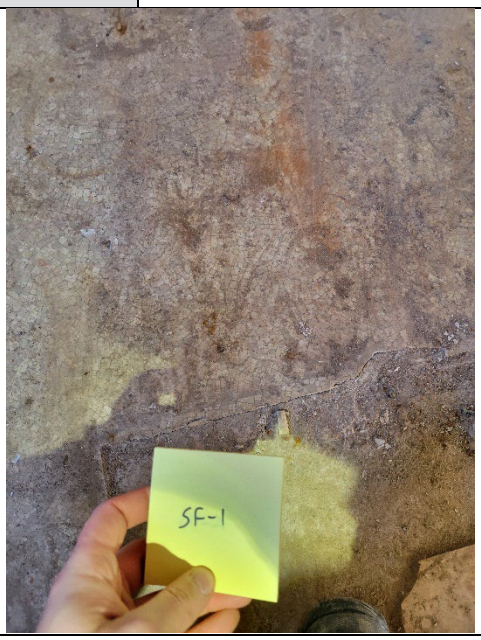
Signature of Lead Inspector/Risk Assessor Logan Drake

APPENDIX C

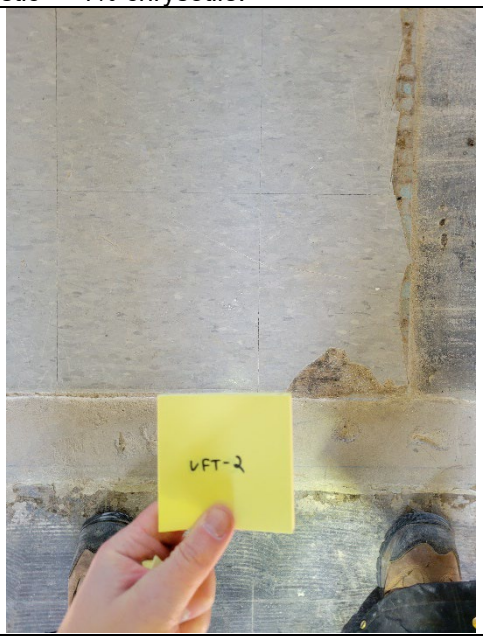
PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPHIC LOG			
Project Site:	104 Broadway Place, Anamosa IA	**Date:**	2/28/24
Project Name:	ACM Inspection	**Project Number:**	3607
Client:	ECIA	**Observer:**	Tyler Sundell

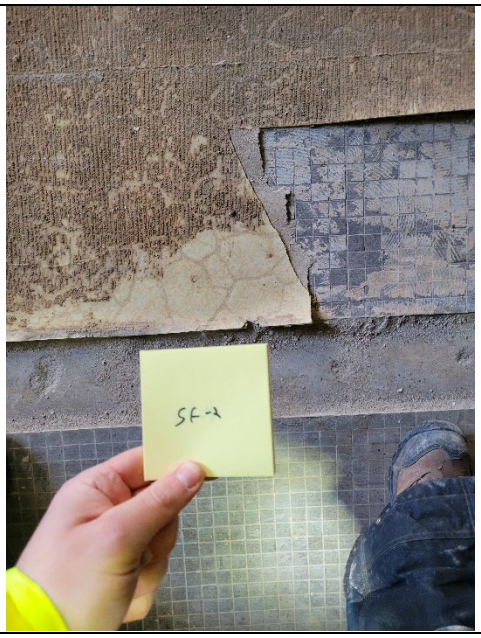
Carpet Mastic – 1, picture taken on the south wall of the first floor – yellow and black mastic: black mastic – 5% chrysotile, yellow mastic - <1% chrysotile.



Sheet Flooring – 1, picture taken west of the north entrance to the first floor – black backing/mastic – 65% chrysotile.



Vinyl Floor Tile – 2, Picture taken east of the stairwell on the second floor black mastic – 5% chrysotile.
Note, this mastic was observed throughout the second floor without tile.



Sheeting Floor – 2, picture taken west of the south entrance to the second floor – black backing/mastic – 65% chrysotile.

APPENDIX D

Field Notes – Sample Locations and Building Layout

Asbestos Survey

Location 104 Broadway Place
Date 2-28-24

Inspector

Sample #	Sample ID	Material	Location	Quantity (LF/SF)	Condition
1	VFT-1-1	12x12"	Throughout 1st flor	~2200 SF	good
2	-2	beige tile			
3	-3				
4	CT-1-1	1x1" ceramic	Blue patterned tile	~2200 SF	good
5	-2	tile	Throughout 1st flor & 2nd		
6	-3				
7	CWT-1-1	3x4" wall	Pillars 1st flor	~200 SF	good
8	-2	tile			
9	-3				
10	CM-1-1	Carpet	old hall way first flor	~ 500 SF	good
11	-2	Mastic			
12	-3				
13	CB-1-1	Cove	gray 4" 1st flor throughout		
14	-2	base			
15	-3				
16	PW-1-1	Pipe	4" pipe wrap first flor crawl	~200 LF	good
17	-2	wrap	space		
18	-3	crawl-space			
19	CB-2-1	Cove	white-beige 4" 1st flor throughout		
20	-2	base			
21	-3				
22	SF-1-1	sheets	South entrance 1st flor	~200 SF	poor
23	-2	~~flooring~~			
24	-3	gray patterned			
25	CT-2-1	Ceramic	stairs 1st & 2nd		good
26	-2	4x4 red			
27	-3	tile			
28	PL-1-1	Plaster	throughout 1st and 2nd		good -
29	-2				poor
30	-3				
31	VFT-2-1	vinyl flor	12x12" gray pattern 2nd flor throughout		good
32	2	tile			
33	3				
34	VFT-3-1	9x9"	2nd flor entrance area		damaged
35	-2				
36	-3				
37	SF-2-1	Rock patterned sheet flooring	2nd flor entrance area		

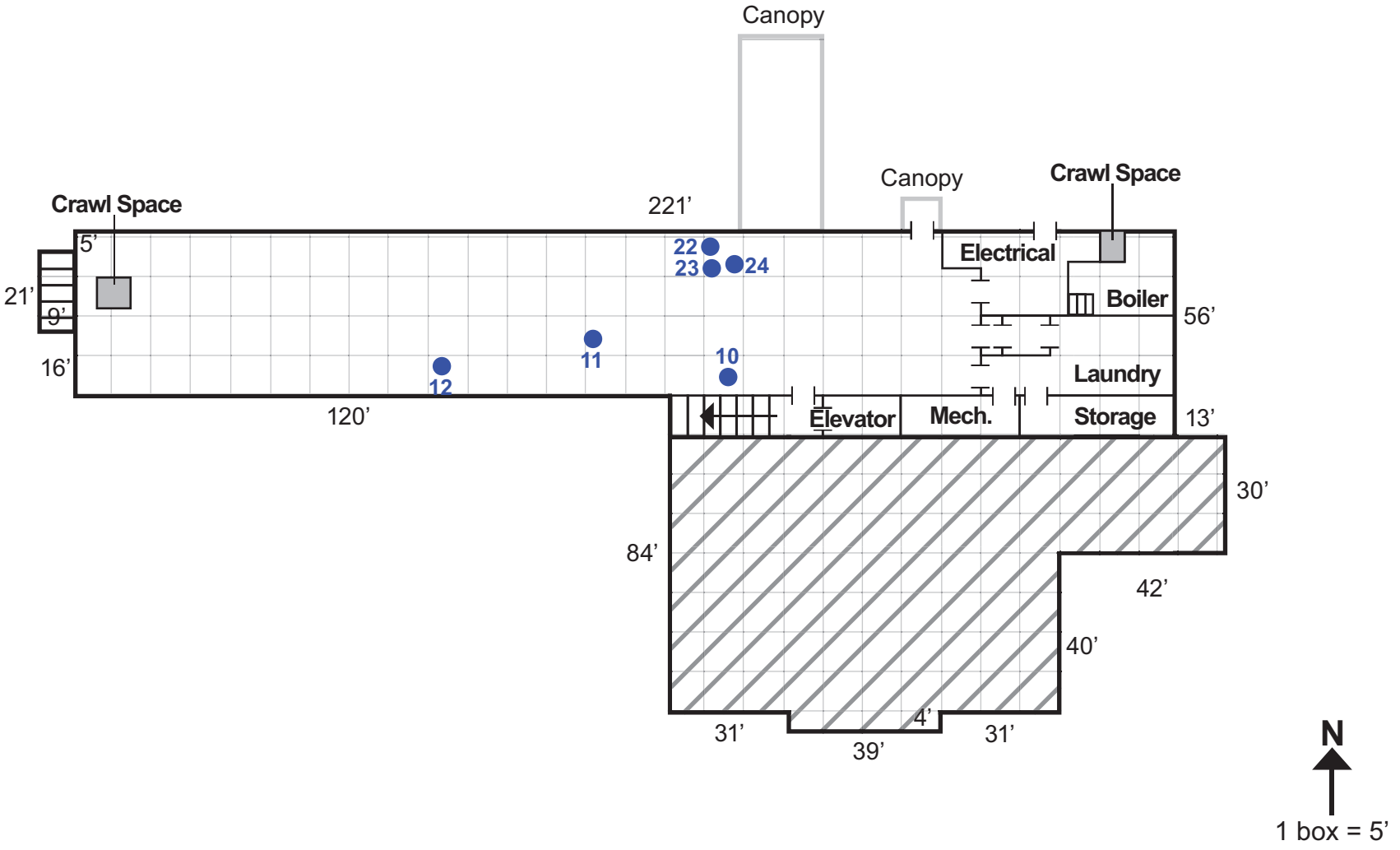
Asbestos Survey

Location ________________
Date ________________

Inspector

Sample #	Sample ID	Material	Location	Quantity (LF/SF)	Condition
38	SF-2-2				
39	-3				
40	CT-3-1	1x1" red	Throughout 2nd floor		
41	-2	brown			
42	-3				
43	SR-1-1	Sheets	~~[illegible]~~ 1st floor south rooms		
44	-2	roll in			
45	-3	Nuns house			
46	FM-1-1	flooring	1st floor throughout		
47	-2	mastic			
48	-3	in Nuns	house		

104 Broadway Place
Anamosa, IA
Jones County Parcel Number: 0903427014
Floor: First Floor



CLIENT NAME: ECIA

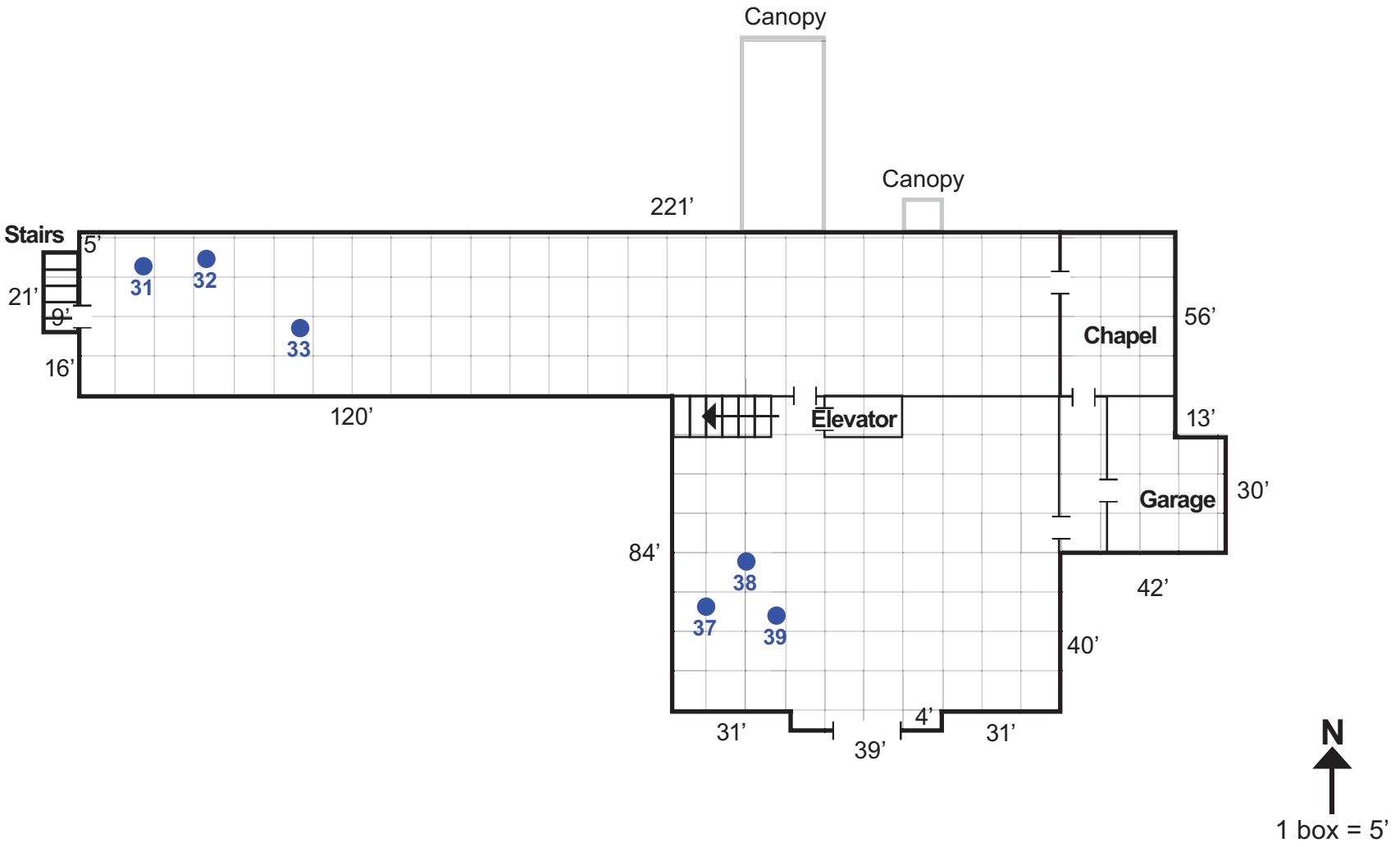
SHEET NAME: ACM Inspection Map

PROJECT LOCATION: 104 Broadway Place, Anamosa, IA

BLACKSTONE ENVIRONMENTAL

Project Mgr: LJ	Date: 03/01/2024				
Designed By: AR	Rev:				
Drawn By: AR	Rev:				
Checked By: TS	Rev:				
Job No.: 3607	Rev:				

104 Broadway Place
Anamosa, IA
Jones County Parcel Number: 0903427014
Floor: Second Floor



CLIENT NAME: ECIA

SHEET NAME: ACM Inspection Map

PROJECT LOCATION: 104 Broadway Place, Anamosa, IA

BLACKSTONE ENVIRONMENTAL

Project Mgr: LJ	Date: 03/01/2024				
Designed By: AR	Rev:				
Drawn By: AR	Rev:				
Checked By: TS	Rev:				
Job No.: 3607	Rev:				

IOWA LEAD & ASBESTOS SAFETY

March 13, 2024

Blackstone Environmental

RE:
Livjoyfull LLC
104 Broadway Pl (Apartment)
Anamosa, IA 52205

Lead-based paint testing report

On Monday March 11, 2024, limited lead-based paint testing was performed at the property listed above. The property was built in 1970. Testing was conducted in accordance with IAC 641-70.6(9).

This is a residential property with planned renovations. Only the planned renovation areas were tested.

RESULTS
Of the tested surfaces, lead-based paint was detected on the following:

Surfaces positive for lead-based paint	Intact Surface (Yes/No)	Current Hazard (Yes/No)
All original painted door transitions are positive.	No	Yes

Intact surfaces that tested positive for lead-based paint are not considered as current hazards. Intact surfaces need to be monitored, maintained, and kept in good condition.

Surfaces that tested positive for lead-based paint and are not intact are considered as current hazards and are listed, with control options, under the “Hazard Identification” section of this report.

Included with this report is the XRF calibration sheet and complete list of all tested surfaces.

This inspection does not rule out the possibility of lead-based paint being present somewhere on the property and only reflects the specific surfaces tested on the day listed above and as listed in the XRF Readings information sheet. This report does not address any other environmental concerns.

Federal EPA and Iowa Department of Public Health Definition of Lead-Based Paint is paint or other surface coatings that contain lead greater than or equal to 1.0 mg/cm2 or greater than 0.5% by weight.

The Federal Disclosure Rule on Lead-Based Paint requires that you disclose this report to any future tenants as part of your lease agreement, or if you sell or lease this property. Complete disclosure requirements are included in this report.

Should you have any questions or concerns regarding this report, please contact me at 515.331.1690.

Thank you,

Logan Drake

Logan Drake
Iowa Lead Inspector/Risk Assessor
Lic#LEAD-INSP10192
Iowa Lead Professional Firm, Lic#LEAD-FIRM11171

DISCLAIMER
This is our report of a visual survey, and XRF (X-ray Fluorescence) analysis of the readily accessible areas of this building and tested components. The presence or absence of LBP or LBP hazards applies only to the tested or assessed surfaces on the date of the field visit and conditions may change due to deterioration or maintenance. The results and material conditions noted within this report were accurate at the time of the inspection and in no way reflect the conditions at the property after the date of the inspection. No other environmental concerns or conditions were addressed during this inspection.

HAZARD IDENTIFICATION

For hazard identification, according to Iowa Administrative Code Chapter 70.6(2) the lead inspector is required to give repair options for identified lead-based paint hazards as follows:

- **Interim Control Options,** where the hazards are meant to be temporarily controlled, can be performed by a certified Lead Safe Renovator. When interim controls are used, routine monitoring of the painted surface needs to be done to ensure paint remains intact.
- **Abatement Options,** where the intent is to permanently eliminate the lead-based paint hazard, MUST be performed by a certified Lead Abatement Worker/Contractor.

Listed below are the hazards that have been identified and options to fix the hazard. The repair option key is listed below the identified hazards.

THE FOLLOWING HAZARDS HAVE BEEN IDENTIFIED	Interim Control Options	Abatement Options
All original painted door transitions	INT-1	ABT-2, ABT-4

INTERIM Controls: Repair Option Key

INT-1 Paint film stabilization: Wet Scrape, Wet Sand, clean, prime and repaint surface with high quality paint.
INT-2 Bare soil: Cover bare soil with 6" of mulch, rock or plant grass or bushes.
INT-3 Dust Removal: Hepa vacuum bare floors followed by a wet washing. Carpets: Hepa vacuum thoroughly
INT-4 Chewable, Friction, Impact surfaces: Replace or remove 2" of paint from the edge of the painted surface using low temperature heat or a chemical stripper or cover with aluminum metal. Cover stairs with carpet.

ABATEMENT Controls: Repair Option Key

ABT-1 Back-caulk aluminum coil to create a dust tight enclosure over windowsills.
ABT-2 Component Replacement- Remove/Replace component with new building materials free of LBP
ABT-3 Encapsulation: perform a patch test to assure surface is suitable for encapsulation and apply encapsulant.
ABT-4 Enclosure: mechanically fasten back caulked building materials over existing materials to create a dust tight enclosure
ABT-5 Soil- Use high quality concrete or asphalt to cover the bare soil
ABT-6 Paint Removal- Use low temperature heat gun or paint stripper to remove LBP from the surface

IOWA LEAD & ASBESTOS SAFETY

XRF Calibration Documentation

Pursuant to IAC 641-70.6(135)

Inspection Date	03/11/24
Address	104 Broadway Pl (apartment) Anamosa IA 52205
Year of Construction	1970
Property Owner	Livjoyfull LLC
XRF Brand and Model	SciAps X-550
XRF Serial #	02445
Date of Isotope Sourcing	Feb-24

READINGS ON LEAD STANDARD					
LEAD STANDARD	(MG/CM2)	READING #1	READING# 2	READING 3#	AVERAGE
(0.8-1.2) 1.02 Calibration Film	Initial Calibration	1.0	1.0	1.0	1.0
	Ending Calibration	1.0	1.0	1.0	1.0
XRF margin of error: +- 0.3 mg/cm2				XRF properly calibrated:	YES

Inspector	Logan Drake
Company Name	Iowa Lead Safety
Address	10544 Justin Dr, Urbandale IA 50322
Lead Professional Firm Certification Number	LEAD-FIRM11171
Iowa Lead Inspector/Risk Assessor Certification Number	LEAD-INSP10192

IOWA DEPARTMENT OF PUBLIC HEALTH

Logan E Drake

Lead Inspector/Risk Assessor

Certification Number: LEAD-INSP10192

Expiration Date: March 6, 2026

Signature of Lead Inspector/Risk Assessor Logan Drake

3-11-24

Blackstone Environmental

RE:
Livjoyfull LLC
104 Broadway Place (apartment)
Anamosa IA 52205
Built: 1970
Limited lead-based paint testing.
Any reading greater than or equal to 1.0mg/cm^2 is positive for lead-based paint.
Un-tested surfaces are presumed to be positive.

XRF #	Lead	Units	Result	Room	Component	Substrate	Color	Side	Condition
296	1	mg/cm2	Positive	Auto Start Cal					
297	1	mg/cm2	Positive	Start Cal					
298	1	mg/cm2	Positive	Start Cal					
299	1	mg/cm2	Positive	Start Cal					
300	0	mg/cm2	Negative	Exterior	Siding	Wood	Tan	North	Deteriorated
301	0	mg/cm2	Negative	Exterior	Door Trim	Wood	White	North 1	Deteriorated
302	0	mg/cm2	Negative	Exterior	Door Slab	Metal	White	North 1	Deteriorated
303	0	mg/cm2	Negative	Exterior	Window Trim	Wood	White	North 1	Deteriorated
304	0.7	mg/cm2	Negative	Exterior	Window Sill	Wood	White	North 1	Deteriorated
305	0	mg/cm2	Negative	Exterior	Window Trough	Wood	White	North 1	Deteriorated
306	0	mg/cm2	Negative	Exterior	Window Sash	Wood	White	North 1	Deteriorated
307	0	mg/cm2	Negative	Exterior	Window Sash	Wood	White	North 3	Deteriorated
308	0	mg/cm2	Negative	Exterior	Window Trough	Wood	White	North 3	Deteriorated
309	0.3	mg/cm2	Negative	Exterior	Window Sill	Wood	White	North 3	Deteriorated
310	0.4	mg/cm2	Negative	Exterior	Window Trim	Wood	White	North 3	Deteriorated
311	0.8	mg/cm2	Negative	Exterior	Door Trim	Wood	White	North 2	Deteriorated
312	0	mg/cm2	Negative	Exterior	Door Slab	Wood	White	North 2	Deteriorated
313	0	mg/cm2	Negative	Exterior	Siding	Wood	Tan	East	Deteriorated
314	0	mg/cm2	Negative	Exterior	Siding	Wood	Tan	South	Deteriorated
315	0.9	mg/cm2	Negative	Exterior	Door Trim	Wood	White	South	Deteriorated
316	0.7	mg/cm2	Negative	Exterior	Door Jamb	Wood	White	South	Deteriorated
317	0.4	mg/cm2	Negative	Exterior	Door Slab	Wood	Red	South	Deteriorated
318	1.9	mg/cm2	Positive	Exterior	Door Transition	Wood	White	South	Deteriorated
319	0	mg/cm2	Negative	Exterior	Window Sill	Wood	White	South 3	Deteriorated
320	0.3	mg/cm2	Negative	Exterior	Window Trim	Wood	White	South 3	Deteriorated
321	0	mg/cm2	Negative	Exterior	Window Trough	Wood	White	South 4	Deteriorated
322	0.4	mg/cm2	Negative	Exterior	Soffit	Wood	White	South	Deteriorated
323	0	mg/cm2	Negative	Exterior	Fascia	Wood	White	South	Deteriorated
324	0.2	mg/cm2	Negative	Exterior	Siding	Wood	Tan	West	Deteriorated
325	0	mg/cm2	Negative	Exterior	Window Sill	Wood	White	West 2	Deteriorated
326	0	mg/cm2	Negative	Exterior	Window Trim	Wood	White	West 2	Deteriorated
327	0	mg/cm2	Negative	Exterior	Window Trough	Wood	White	West2	Deteriorated

328	0	mg/cm2	Negative	Main Open	Window Sash	Wood	Varnish	North 1	Deteriorated
329	0.2	mg/cm2	Negative	Main Open	Window Trough	Wood	White	North 1	Deteriorated
330	0	mg/cm2	Negative	Main Open	Window Trough	Wood	White	North 4	Deteriorated
331	0	mg/cm2	Negative	Main Open	Window Sash	Wood	Varnish	North 4	Deteriorated
332	0	mg/cm2	Negative	Main Open	Door Slab	Wood	Varnish	North	Deteriorated
333	0	mg/cm2	Negative	Main Open	Door Jamb	Wood	Varnish	North	Deteriorated
334	0	mg/cm2	Negative	Main Open	Window Sash	Wood	Varnish	South 1	Deteriorated
335	0.4	mg/cm2	Negative	Main Open	Window Trough	Wood	White	South 1	Deteriorated
336	0.3	mg/cm2	Negative	Main Open	Window Trough	Wood	White	South 3	Deteriorated
337	0	mg/cm2	Negative	Main Open	Window Sash	Wood	Varnish	South 3	Deteriorated
338	0.1	mg/cm2	Negative	Stairs to basement	Door Slab	Wood	Varnish	South	Deteriorated
339	0.4	mg/cm2	Negative	Stairs to basement	Window Trim	Wood	Varnish	South	Deteriorated
340	0	mg/cm2	Negative	Stairs to basement	Window Trim	Wood	Varnish	South	Deteriorated
341	0.1	mg/cm2	Negative	Basement Open	Window Sash	Wood	Varnish	North 2	Deteriorated
342	0	mg/cm2	Negative	Basement Open	Window Trough	Wood	White	North 2	Deteriorated
343	0	mg/cm2	Negative	Basement Open	Door Jamb	Wood	White	North	Deteriorated
344	0	mg/cm2	Negative	Basement Open	Door Slab	Wood	White	North	Deteriorated
345	0	mg/cm2	Negative	Basement Open	Window Sash	Wood	Varnish	North 5	Deteriorated
346	0	mg/cm2	Negative	Basement Open	Door Jamb	Wood	Gray	North 2	Deteriorated
347	0	mg/cm2	Negative	Basement Open	Door Slab	Metal	Gray	North2	Deteriorated
348	0	mg/cm2	Negative	Basement Bath	Wall	Concrete	Pink	South	Deteriorated
349	0	mg/cm2	Negative	Basement Bath	Wall	Wood	Green	South	Deteriorated
350	0	mg/cm2	Negative	Basement Bath	Window Sash	Wood	Varnish	South 2	Deteriorated
351	0.2	mg/cm2	Negative	Basement Bath	Window Trough	Wood	White	South 2	Deteriorated
352	0	mg/cm2	Negative	Basement Utility	Window Sash	Wood	Varnish	South	Deteriorated
353	0	mg/cm2	Negative	Basement Utility	Wall	Drywall	Tan	North	Deteriorated
354	0	mg/cm2	Negative	Basement Utility	Wall	Drywall	Tan	East	Deteriorated
355	0	mg/cm2	Negative	Basement Utility	Wall	Drywall	Tan	West	Deteriorated
356	0	mg/cm2	Negative	Basement Utility	Wall	Concrete	Tan	South	Deteriorated
357	0	mg/cm2	Negative	Basement Utility	Chair Rail	Wood	White	South	Deteriorated
358	0	mg/cm2	Negative	Basement Utility	Ceiling	Drywall	Tan		Deteriorated
359	0	mg/cm2	Negative	Basement Storage	Wall	Concrete	Tan	South	Deteriorated
360	0	mg/cm2	Negative	Basement Storage	Pipe (ceiling)	Metal	Tan		Deteriorated
361	0	mg/cm2	Negative	Basement Storage	Window Sash	Wood	Varnish	South	Deteriorated
362	0	mg/cm2	Negative	Stair to Basement	Stringer	Wood	Varnish	East	Deteriorated
363	0.5	mg/cm2	Negative	Exterior	Soffit	Wood	White	North	Deteriorated
364	0.4	mg/cm2	Negative	Exterior	Fascia	Wood	White	North	Deteriorated
365	1	mg/cm2	Positive	End Cal					
366	1	mg/cm2	Positive	End Cal					
367	1	mg/cm2	Positive	End Cal					

IOWA LEAD & ASBESTOS SAFETY

EXECUTIVE SUMMARY

This lead base paint inspection was conducted according to **Iowa Administrative Code 641 Chapter 70.6(2)**. Components having lead levels at or above the action level are visually assessed for condition.

“Intact” surfaces (excluding windowsills) that test positive for lead-based paint are not considered as current hazards. Intact surfaces need to be monitored, maintained, and kept in good condition. Intact windowsills that test positive for lead-based paint are considered a hazard and are addressed in the Hazard Identification section of this report.

The XRF testing was conducted using our **SciAps X-550 #02445** instrument in standard testing mode, using software version 2.2.2.0 with an isotope being sourced in February 2024.
Iowa Lead Safety lead-based paint inspections are performed by Logan Drake who is a licensed Lead Inspector/ Risk Assessor thru the Iowa Department of Public Health and only he may alter or edit this report.

The location and nature of this inspection are required to be reported to the Iowa Department of Public Health for tracking purposes. The Iowa Department of Public Health may review this report for compliance purposes. It is a violation of law for anyone other than the certified lead professional signing it to alter this report. This report may be supplemented with additional information, so long as any addendum is signed by a lead inspector/risk assessor or elevated blood lead (EBL) inspector/risk assessor certified per Iowa Administrative Code 641—70.3(135) and 70.5(135).”

STANDARD TESTING METHODOLOGY

A Room Equivalent is an identifiable part of a building, such as a room, an exterior side, or an exterior area. Hallways, stairways, and exterior areas, such as loading docks, parking lots, and each side of a building, are all considered room equivalents.

Each room equivalent is made up of Components. Components may be located inside or outside a building. For example, components in a room could be its ceiling, floor, walls, a door and its casing, the window sash, and window casings. The Substrate is the material underneath the paint of a component. Although many different substrates exist, HUD guidelines recommend classifying substrates into one of six types: (1) brick; (2) concrete; (3) drywall; (4) metal, (5) plaster; and (6) wood. If the true substrate under investigation is not one of the types, HUD guidelines mandate the inspector/risk assessor to select the substrate type that most closely resembles one of the six defined substrate types. For substrates that are layered, such as plaster on concrete, the substrate directly beneath the painted surface is identified during a LBP inspection. A Testing Combination is characterized by the room equivalent, component, substrate, and visible color of paint. The Test Location is a specific area on a testing combination where the XRF (x-ray fluorescence) instrument was used to test for LBP.

SAMPLING STRATEGIES

Per the HUD and State of Iowa guidelines, a lead paint reading by XRF of 1.0 mg/cm2 or above is considered positive for the presence of LBP. An XRF reading below 1.0 mg/cm2 is considered negative; however, a reading below 1.0 mg/cm2 could still be harmful if proper precautions are not taken during activities that disturb these paint films. If there are any inconclusive readings, a paint-chip sample may be collected for laboratory analysis. Laboratory analysis of samples collected will only be performed by an EPA approved National Lead Laboratory Accreditation Program (NLLAP) laboratory. There is no inconclusive range for laboratory measurements/results.

IOWA LEAD & ASBESTOS SAFETY

IOWA LEAD & ASBESTOS SAFETY

IOWA DEPARTMENT OF PUBLIC HEALTH LEAD SAFE RENOVATOR (LSR) RESPONSIBILITIES

Landlord, Property Management and Contractor Information

Negative Surfaces

If a surface represented in this report is to be renovated and this report shows that there was no lead-based paint present, then a licensed Lead Safe Renovator can use this report to show that LSR requirements are not necessary under 641-70.6(11) part 1 and gives them an exclusion to the Iowa Dept. of Public Health rules for renovation projects.

Positive Lead-based paint surfaces

If the surface represented in this report is to be renovated and this report shows the presence of lead-based paint, then the licensed **Lead Safe Renovator** contractor will have to follow Iowa Department of Public Health 641-70.6(11) rules for Lead Safe Renovation activities by containing the work area with plastic, putting up warning signs, thoroughly cleaning up the work area and provide a written report as to what work practices were followed to protect the property.

IOWA LEAD & ASBESTOS SAFETY

FEDERAL REAL ESTATE DISCLOSURE RESPONSIBILITY

Before ratification of a contract for housing sale or lease, sellers and landlords are REQUIRED by Federal Law (24 CFR part 35 and 40 CFR part 745) to:

- Give a State of Iowa or EPA-approved information pamphlet***** on identifying and controlling lead-based paint hazards. Iowa pamphlet, "*Lead Poisoning: How to Protect Iowa Families*" or the Federal Booklet, *"Protect Your Family From Lead in Your Home".*
- Disclose any known information concerning lead-based paint or lead-based paint hazards. The seller or landlord must also disclose information such as the location of the lead-based paint and/or lead-based paint hazards, and the condition of the painted surfaces.
- Provide any records and reports (including a copy of this inspection report) on lead-based paint and/or lead-based paint hazards which are available to the seller or landlord (for multi-unit buildings, this requirement includes records and reports concerning common areas and other units, when such information was obtained as a result of a building-wide evaluation).
- Include an attachment to the contract or lease (or language inserted in the lease itself) which includes a Lead Warning Statement and confirms that the seller or landlord has complied with all notification requirements. This attachment is to be provided in the same language used in the rest of the contract. Sellers or landlords, and agents, as well as homebuyers or tenants, must sign and date the attachment.

IOWA LAW REQUIRES that any contractor or landlord working on a residential property built prior to 1978 notify residents that lead-based paint may be disturbed by remodeling, renovation or repainting. The Iowa pamphlet, "Lead Poisoning: How to Protect Iowa Families" or the Federal, "Renovate Right" booklet is also needed for this law.

Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Thomas Newton, MPP, REHS
Director

Chester J. Culver
Governor

Patty Judge
Lt. Governor

DATE: June 2010

TO: Landlords, Property Owners, and Contractors

FROM: Joelle M. Stolte, Bureau of Lead Poisoning Prevention

RE: Rules for Pre 1978 Residential Housing:

Iowa's Pre-renovation Notification Rule (PRE),
Iowa's Lead-Safe Renovation Rule (RRP), and
The Federal Real Estate Disclosure Rule

New Requirements

House File 314 was passed by the 2009 Iowa legislature. It requires the following:

- Pre-renovation Notification now includes child-occupied facilities such as daycare centers (PRE).
- Contractors, landlords, and maintenance crews working in target housing or child-occupied facilities must be trained in and use lead-safe work practices (RRP).
- Training includes an 8-hour Lead Safe Renovator Course and 4-hour refresher every 3 years (RRP).
- "Firms" that do this work must be certified, and at least one person from each firm must be certified as a lead-safe renovator (RRP).
- Work that disturbs less than 1.0 square feet of painted surface is not required for these activities (PRE and RRP).

As of January 13th, 2010 IDPH has adopted amendments to Iowa Administrative Code 641--Chapter 69 (Renovation, Remodeling, and Repainting-Lead Hazard Notification Process) and Iowa Administrative Code 641--Chapter 70 (Lead-Based Paint Activities). The documents containing the changes direct the department to establish a program for training and certification for those who perform renovations as lead safe renovators in the state of Iowa. The documents can be viewed on the internet at: http://www.idph.state.ia.us/eh/lead_poisoning_prevention.asp#regulations.

Comments on these regulations should be sent to Rita Gergely, Lead Poisoning Prevention Program, Department of Public Health, Lucas State Office Building, Des Moines, Iowa 50319 (fax : 515-281-4529),or emailed to rgergely@idph.state.ia.us.

Iowa's Pre-Renovation Notification Rule (PRE)

Since 1999, Iowa law has required contractors to give notification by giving an approved lead hazard information pamphlet to homeowners and tenants before beginning renovation, remodeling, or repainting. The rule requires notification when more that 1.0sq ft. (cumulative) of paint is disturbed, both interior and exterior, in any residential property built before 1978. Contractors must distribute an approved lead hazard pamphlet and get a signature from owners and occupants of residence, to verify they have been informed. The intent of the rule is to ensure that families have the information they need to protect themselves.

In rental property, if the landlord hires an independent contractor to perform renovation, remodeling, or repainting, the independent contractor must perform the notification. If a landlord or the landlord's employees perform renovation, remodeling, or repainting, then the landlord must perform the notification.

The current PRE rule can be found on the internet at http://www.legis.state.ia.us/Rules/Current/iac/641iac/64169/64169.pdf.

Enforcement

The Iowa Code authorizes IDPH to impose a penalty of up to $5,000 for each violation of the notification requirement. Since 2002, the Iowa Department of Public Health (IDPH) has conducted random spot checks of contractors to monitor compliance with the rule. In July 2005, IDPH started to impose civil penalties for violations of this regulation.

Housing Covered by the Rule

This rule applies to target housing. Target housing is any housing built before 1978. The exceptions are housing for the elderly or persons with disabilities (unless a child under age 6 resides or is expected to reside in the housing) and any 0-bedroom dwelling (living area not separated from sleeping area--includes efficiencies, studio apartments, dormitory housing, etc.).

Work Covered by the Rule

This regulation applies whenever renovation, remodeling, or repainting is done in target housing and or child occupied facilities. Renovation, remodeling, or repainting means any change to an existing structure or part of a structure where painted surfaces are disturbed. This includes, but is not limited to: removing walls, ceilings, and other painted components; window replacement; floor refinishing; and sanding, scraping, stripping, water-blasting, or otherwise disturbing painted surfaces.

Work Not Covered by the Rule

This rule does not cover work that is defined as lead abatement when it is conducted by a lead abatement contractor certified by the state of Iowa. Also, if a state-certified inspector has determined the components affected by the renovation, remodeling, or repainting are free of lead-based paint, the notification does not need to be done. The regulation does not cover work that disturbs less than 1.0 square foot (approximately 12 inches by 12 inches) of paint.

Notification Requirements

- **Work done In a Single Dwelling Unit (Form 1):** You must provide written notification and the pamphlet to the homeowner and an adult occupant (If owner does not live at the property) no more than 60 days before starting works. The written notification **must** contain specific language. The homeowner and adult occupant are required to sign and date the notification. If you cannot obtain a signature, you must certify in writing that the pamphlet was delivered and describe why you could not get the signature (ex., tenant refused to answer door). If you cannot contact the homeowner or tenant, you may mail the notification and pamphlet by certified mail at least seven days before starting the work. You need to keep the receipt of the mailing with the completed notification form. If the nature, scope, or date of the work changes after the original notification, you must issue a revised notification.
- **Emergency Renovation, Remodeling, or Repainting (Form 2):** "Emergency" work is performed when an unexpected event causes a safety or public health hazard or threatens equipment or property with significant damage (i.e.: broken window, broken door, flooding, other water damage, fire, etc). You are not required to do the notification before the work is started, but you must provide the notification and pamphlet to the owner and occupants as soon as possible after beginning the work.
- **Common Areas of Multi-Family Housing (Forms 3 and 4):** If work is done in common areas (exterior, hallways, laundry room, etc.) of multi family housing, the homeowner must be notified and a signature and date must be obtained, before the work is started (form 3). You must also notify each occupant in writing of the work and make the pamphlet available upon request (Form 4). You must prepare, sign, and date a statement describing the steps taken to notify all occupants (Record of Tenant notification **form 5**). If the nature, scope, or date of the work changes after the original notification, you must issue a revised notification.
- **Vacant Property:** You are required to give notification to the homeowner even if the property is vacant.

Recordkeeping

You must keep all records for at least three years. This may include:

- Address and location where the work was done.
- Copies of signed, dated acknowledgments from tenants.
- Copies of signed, dated statements of notification for multi-family housing.
- Certifications of attempted delivery or mailing.
- Report from certified inspector for components free of lead-based paint.

A Guide to the Forms for the Pre-Renovation Notification Memo

	Form	Use	Details
	#1	Notice to owner and adult occupant for work done in a **single dwelling unit**	Owner and occupant signature required. Can mail pamphlet to the owner and occupant 7 days in advance via certified mail.
	#2	Notice to owner and adult occupant for **emergency** work done in a **dwelling unit**	No occupant or owner signature required. Give notification as soon as possible while doing emergency renovation. Option to send via certified mail as soon as possible.
	#3	Notice to **owner** for work done in **common areas** of multi-family housing	Can mail or deliver pamphlet to the owner 7 days in advance via certified mail. Owner signature required.
	#4	Notice to **occupant** for work done in **common areas** of multi-family housing	No signature required. Deliver form and make pamphlet available.
	#5	**Record** for work done in **common areas** of multi-family housing	Must be filled out and kept on record in conjunction with form #3 and/or #4. This is for the contractor's records.

Additional Information to be aware of:

The Federal Real Estate Disclosure Rule

In the fall of 1996, regulations from the Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) have required that most home buyers and renters receive known information on lead-based paint and lead-based paint hazards during sales and rentals of housing built before 1978. Buyers and renters must receive specific information on lead-based paint in the housing, as well as a copy of the pamphlet, *Lead Poisoning: How to Protect Iowa Families.* Sellers, landlords, and their agents are responsible for providing this information to the buyer or renter before the sale or lease. A sample disclosure form is located in the middle of the pamphlet.

Completion of the Form

It is extremely important that you fill out the form correctly as the EPA and HUD may consider any missing check marks, initials, signatures, and dates to be violations of the regulations.

Please be aware that the pre renovation notification rule is different than the disclosure rule.

> **The Pre Renovation Notification Rule,** Iowa law, Administrative Code 641 — Chapter 69, requires that any contractor or landlord working on residential properties built prior to 1978 must notify residents that lead-based paint disturbed by remodeling, renovation or repainting is a potential hazard.

The Disclosure Rule is a federal law that requires you to disclose any known information (providing inspection and or clearance reports) about lead-based paint when you sell or rent properties built before 1978. The U.S. Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) jointly enforces the disclosure rule.

For each rule you need to give out copies of the Iowa pamphlet ***Lead Poisoning: How to Protect Iowa Families*.** However, each rule requires a different form.

Copies of Forms and Pamphlets

Forms are available in the ***Lead Poisoning: How to Protect Iowa Families Brochure***. Both pre-renovation notification forms and the real estate disclosure forms are included in the middle of the brochure. Copies of the brochure, ***Lead Poisoning: How to Protect Iowa Families***, are free of charge and can be obtained by calling 1-800-972-2026. These forms meet all of the requirements of Iowa Administrative code 641-Chapter 69 and 70 of the administrative rules.

Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Thomas Newton, MPP, REHS
Director

Chester J. Culver
Governor

Patty Judge
Lt. Governor

DATE: March 8, 2010

TO: Licensed Real Estate Agents
Landlords
Property Managers
State and Local Housing Officials

FROM: Rita Gergely, Director
Lead Poisoning Prevention Programs

RE: **THE FINAL EPA/HUD RULE ON REAL ESTATE DISCLOSURE REGARDING LEAD-BASED PAINT (24 CFR PART 35 AND 40 CFR PART 745)**

I am writing to provide information about the final EPA/HUD rule on real estate disclosure regarding lead-based paint and Iowa's role in the implementation of this rule. If you have any questions about the enclosed information, please contact our Lead Poisoning Prevention Program at 1-800-972-2026. We will do our best to answer your questions. If we cannot answer your questions, we will get the answer or refer you to the federal agency that can best answer your questions.

SUMMARY

Since the fall of 1996, regulations from the Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) have required that most home buyers and renters receive known information on lead-based paint and lead-based paint hazards during sales and rentals of housing built before 1978. Buyers and renters must receive specific information on lead-based paint in the housing as well as a Federal pamphlet or Federally-approved state pamphlet with practical, low-cost tips on identifying and controlling lead-based paint hazards. Sellers, landlords, and their agents are responsible for providing this information to the buyer or renter before sale and lease.

WHAT IS REQUIRED

Housing Covered by the Rule

This rule applies to target housing. Target housing is any housing built prior to 1978, except housing for the elderly or persons with disabilities (unless a child under age 6 resides or is expected to reside in the housing) or any 0-bedroom dwelling (living area not separated from sleeping area--includes efficiencies, studio apartments, dormitory housing, military barracks, rentals of individual rooms in residential dwellings).

This rule applies to all transactions to sell or lease target housing, including subleases, verbal leases, and month-to-month leases, with the following exceptions:

A. Sales of target housing at foreclosure.

B. Leases of target housing where the housing has been found to be lead-based paint free. An inspection to determine that housing is "lead-based paint free" must be conducted by an inspector certified by the state of Iowa according to procedures specified in Iowa regulations.

   Sales of target housing cannot be exempted through this “lead-based paint free” inspection.

C. Short-term leases of 100 days or less where no lease renewal or extension can occur.

D. Renewals of existing leases in target housing where the required disclosure has already been completed and the lessor has no additional information regarding the existence of lead-based paint or lead-based paint hazards in the dwelling. Renewal of existing leases where this disclosure has not taken place <u>are</u> subject to this rule.

<u>Effective Dates of the Rule</u>

This rule became effective on September 6, 1996, for owners of more than four residential dwellings. This rule became effective on December 6, 1996, for owners of one to four residential dwellings.

<u>Requirements for Sale of Target Housing</u>

The only sales of target housing that are exempt are sales at foreclosure and sales of rental housing for the elderly or disabled or rental housing consisting entirely of 0-bedroom units.

For sales of target housing, the following must be completed before the purchaser is obligated under any contract to purchase target housing:

1. The seller must provide the purchaser with an EPA-approved lead hazard information pamphlet. This can be the standard EPA pamphlet, *Protect Your Family from Lead in Your Home*, or a state pamphlet approved by EPA. (Iowa is trying to get a state pamphlet approved for this purpose.)

2. The seller must disclose the presence of any known lead-based paint and/or lead-based paint hazards in the housing to the agent and to the purchaser. They must also disclose any specific knowledge that they have, such as how they know that lead-based paint is on any surfaces, the location of the lead-based paint, and the conditions of the surfaces on which it is located. The seller must disclose the existence of any available records or reports regarding lead-based paint or lead-based paint hazards to the agent. The seller must provide the purchaser with any

records or reports regarding lead-based paint or lead-based paint in the housing. This includes records and reports regarding lead-based paint or lead-based paint hazards in common areas and in other residential dwellings in multi-family housing if such information is part of a report on the overall building.

If any of the required disclosure does not occur until after the purchaser has placed an offer to buy, the seller must complete the required disclosure prior to accepting the offer and must allow the purchaser an opportunity to review the information and possibly amend the offer.

Before a purchaser is obligated under a sales contract, the seller must permit the purchaser a 10-day period to conduct a risk assessment or inspection for lead-based paint or lead-based paint hazards. The seller and purchaser can mutually agree in writing to a different time period. The purchaser may waive the opportunity to conduct a risk assessment or inspection in writing.

Each contract to sell target housing must include an attachment with each of the following items:

A. A Lead Warning Statement that is specified in the rule and shown on the enclosed sample forms.

B. A statement disclosing the Items #1 and #2 listed above.

C. A list of any records or reports regarding lead-based paint or lead-based paint in the housing that have been provided to the purchaser. If no such records or reports are available, the seller must indicate this.

D. A statement by the purchaser that they have received the lead hazard information pamphlet and the information in items B and C above.

E. A statement by the purchaser that they have had the opportunity to conduct a risk assessment or inspection or waived the opportunity.

F. When an agent is involved on behalf of the seller, a statement that the agent has informed the seller of the seller's obligations under 42 U.S.C. 4852d (Title 10 and this rule) and that the agent is aware of his/her duty to ensure compliance with the requirements of this rule.

G. The signatures of the sellers, agents, and purchasers certifying the accuracy of their statements and the dates of signature.

The agent must inform the seller of his/her obligations under this rule and either ensure that the seller complies with these rules or personally ensure compliance with these rules. If the agent has informed the seller of his/her obligations, but the seller does not disclose known lead-based paint or hazards as required to the agent, then the agent shall not be liable for the failure of the seller to disclose known lead-based paint or hazards to the purchaser.

Requirements for Leasing Target Housing

For leasing target housing, the requirements are the same as for purchasing target housing except that the lessee does not have the opportunity to conduct an inspection or risk assessment. Similarly, the contract for leasing does not need to contain the statement regarding the inspection or risk assessment.

Filling Out the Form

If you choose to use the attached sample forms that were developed by the U.S. EPA, here are some tips on filling them out correctly.

1. The seller or the lessor MUST check either (i) or (ii) under (a). If an inspection has ever been done that shows the presence of lead-based paint and/or lead-based paint hazards, you check (i) and explain briefly what was found. If an inspection has not been done, you should check (ii) to indicate that you have no knowledge of lead-based paint or lead-based paint hazards in the property.

2. Next, the seller or lessor MUST check either (i) or (ii) under (b). If you have a copy of the inspection report and provided it to the purchaser or lessee, check (i). If you do not have a copy of an inspection report (this includes the situation where an inspection has never been done), you should check (ii).

3. The purchaser or lessee must now initial both (c) and (d) to indicate that they received copies of any information listed under (a) and that they received a copy of the federal pamphlet.

4. In the case of a purchase only, the purchaser must check either (i) or (ii) under (e) to indicate that they have received the opportunity to conduct a risk assessment or inspection or that they have waived this opportunity.

5. If an agent is involved, the agent must initial under the Agent's Acknowledgment. This is item (e) on the rental form and item (f) on the purchase form.

6. At the bottom of the form, the lessor or seller, the purchaser or lessee, and all agents involved in the transaction must sign and date the form.

It is extremely important that you fill out the form correctly as the U.S. EPA may consider any missing check marks, initials, signatures, and dates to be violations of the regulations.

Record Retention

The seller, the lessor, and the agent must retain all records for at least three years from the completion date of the sale or the commencement of the leasing period, whichever is applicable.

ENFORCEMENT

This rule is being enforced in Iowa by EPA Region VII, Kansas City.

DISCLOSURE FORMS
Sample disclosure forms developed by the U.S. EPA are included in this mailing.

COPIES OF THE FINAL RULE
A copy of the final rule can be obtained by calling the National Lead Information Clearinghouse (NLIC) at (800) 424-LEAD, or TDD (800) 526-5456 for the hearing impaired.

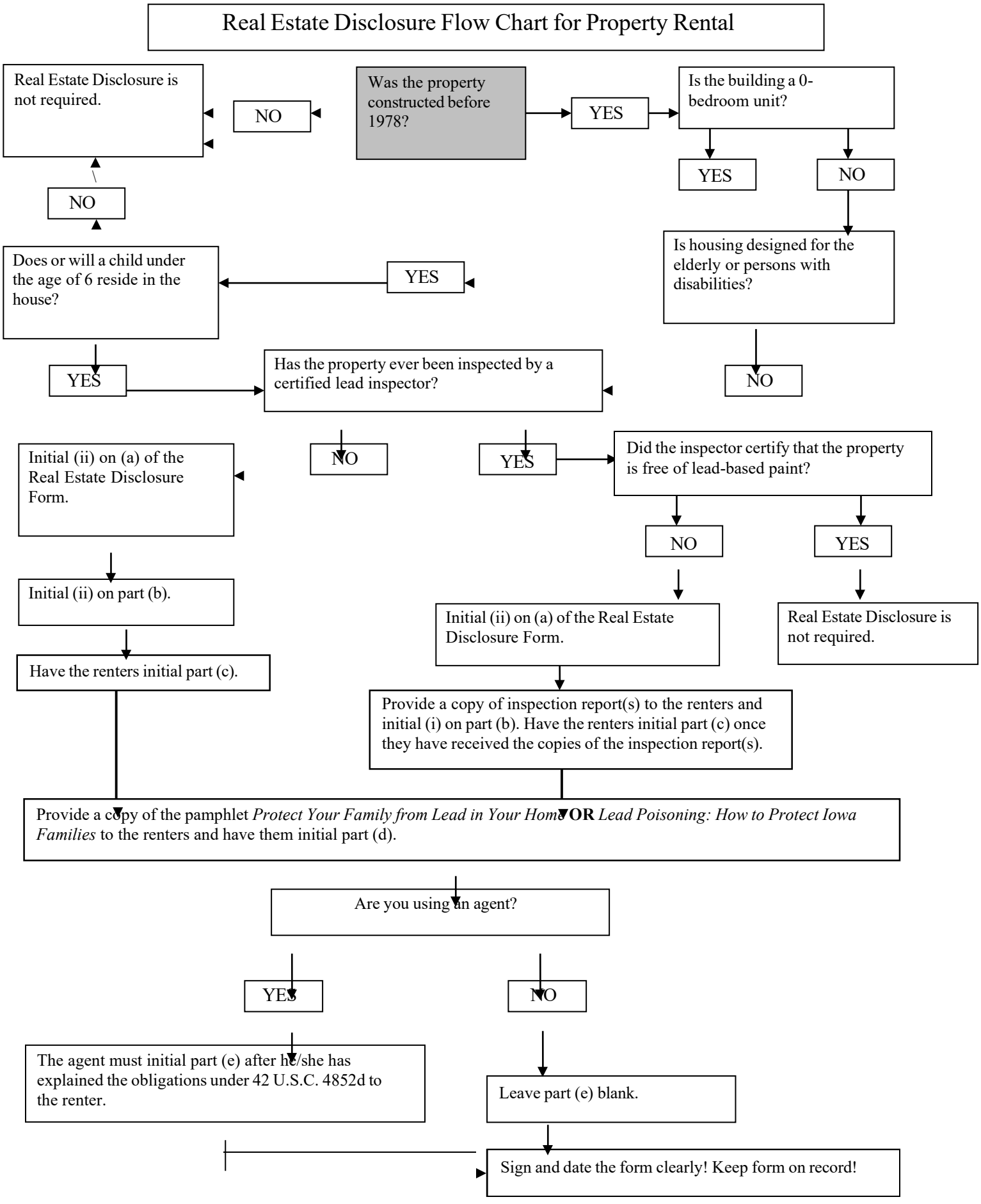
COPIES OF THE PAMPHLET
EPA has approved the Iowa Department of Public Health (IDPH) brochure for use in complying with this rule. Call the Iowa Department of Public Health at 1-800-972-2026 to get free copies of this brochure.

You can obtain a single copy of the Federal pamphlet, Protect Your Family from Lead in Your Home, from the National Lead Information Center as shown above. Bulk copies of the pamphlet are available from the Government Printing Office (GPO) at (202) 512-1800. Refer to the complete title or GPO stock number 055-000-00507-9. The price is $26.00 for a pack of 50 copies. Alternatively, persons may reproduce the pamphlet, for use or distribution, if the text and graphics are reproduced in full. Camera-ready copies of the pamphlet are available from the National Lead Information Clearinghouse as described above.

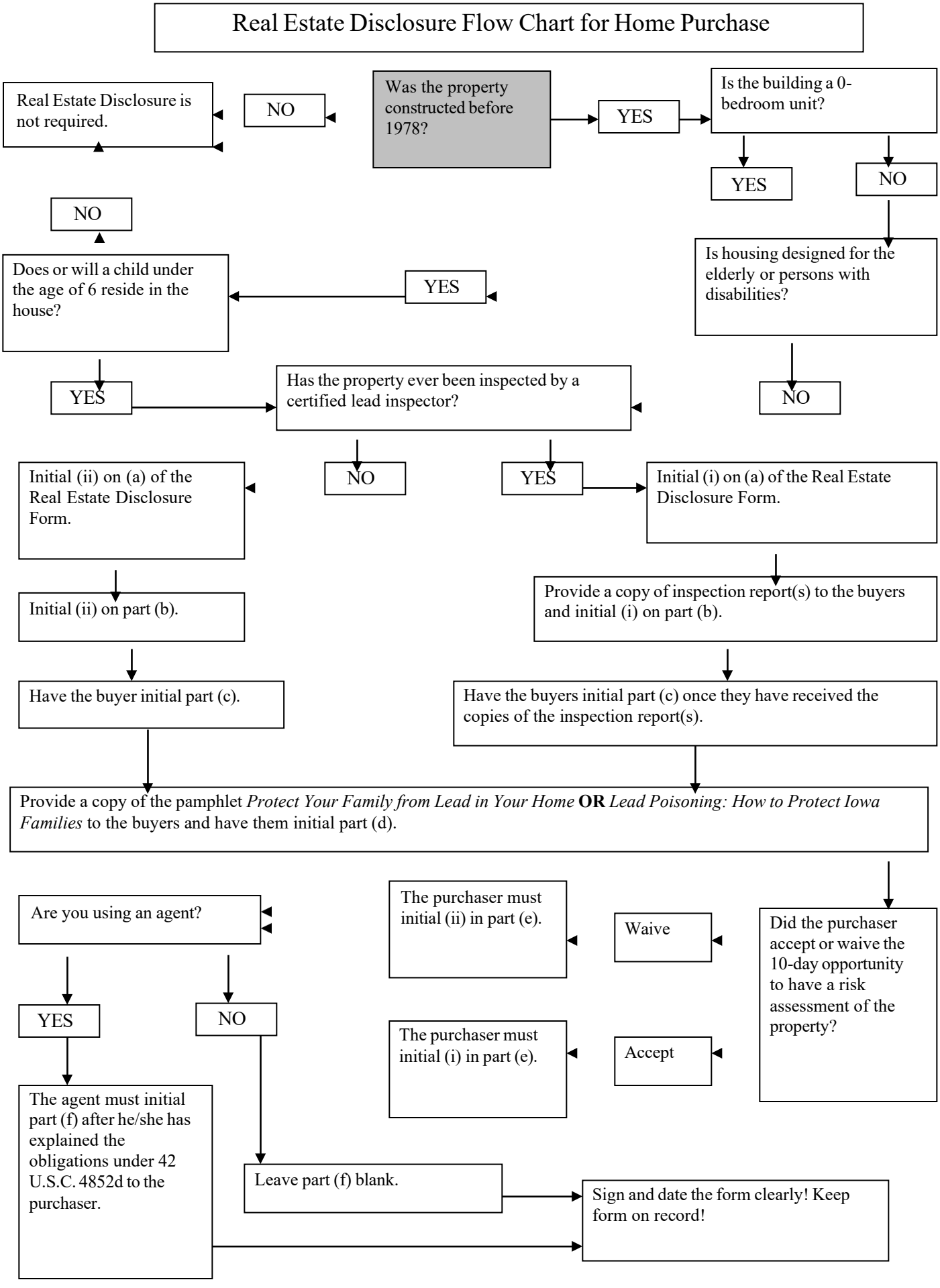
ELECTRONIC INFORMATION
The EPA pamphlet and rule are available electronically and may be accessed through the Internet at either of the following sites:

www.epa.gov/lead/leadbase.htm
www.hud.gov/lea/leadhelp.html

Real Estate Disclosure Flow Chart for Property Rental



Real Estate Disclosure Flow Chart for Home Purchase



Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, lessors must disclose the presence of known lead-based paint and/or lead-based paint hazards in the dwelling. Lessees must also receive a federally approved pamphlet on lead poisoning prevention.

Lessor's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) _____ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

_____

_____

(ii) _____ Lessor has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the lessor (check (i) or (ii) below):

(i) _____ Lessor has provided the lessee with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

_____

_____

(ii) _____ Lessor has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Lessee's Acknowledgment (initial)

(c) _____ Lessee has received copies of all information listed above.

(d) _____ Lessee has received the pamphlet *Protect Your Family from Lead in Your Home.*

Agent's Acknowledgment (initial)

(e) _____ Agent has informed the lessor of the lessor's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

Lessor	Date	Lessor	Date
Lessee	Date	Lessee	Date
Agent	Date	Agent	Date

Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Every purchaser of any interest in residential real property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. A risk assessment or inspection for possible lead-based paint hazards is recommended prior to purchase.

Seller's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) _____ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

_____

(ii) _____ Seller has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the seller (check (i) or (ii) below):

(i) _____ Seller has provided the purchaser with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

_____

(ii) _____ Seller has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Purchaser's Acknowledgment (initial)

(c) _____ Purchaser has received copies of all information listed above.

(d) _____ Purchaser has received the pamphlet *Protect Your Family from Lead in Your Home.*

(e) Purchaser has (check (i) or (ii) below):

(i) _____ received a 10-day opportunity (or mutually agreed upon period) to conduct a risk assess-ment or inspection for the presence of lead-based paint and/or lead-based paint hazards; or

(ii) _____ waived the opportunity to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards.

Agent's Acknowledgment (initial)

(f) _____ Agent has informed the seller of the seller's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

Seller	Date	Seller	Date
Purchaser	Date	Purchaser	Date
Agent	Date	Agent	Date

Logan Drake

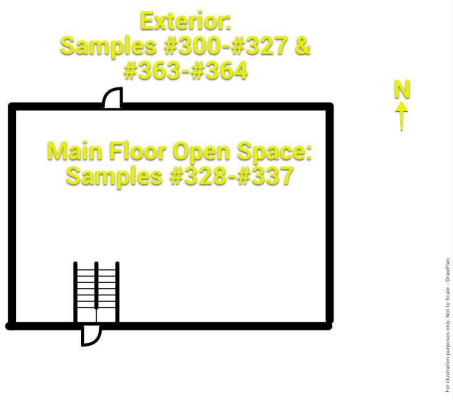
Alliance Environmental Services

3/14/2024 | 46 Photos

Photo log Apartment

Site Maps

1



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Date: 3/13/2024, 6:15pm
Creator: Logan Drake

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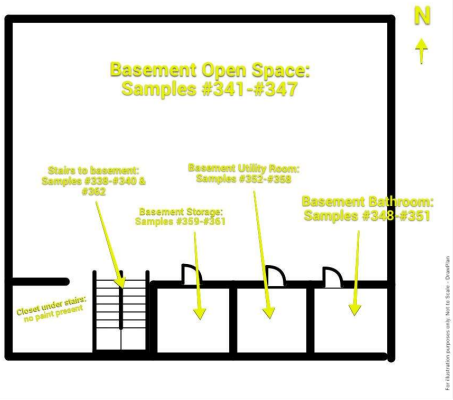

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Creator: Logan Drake

Exterior

1

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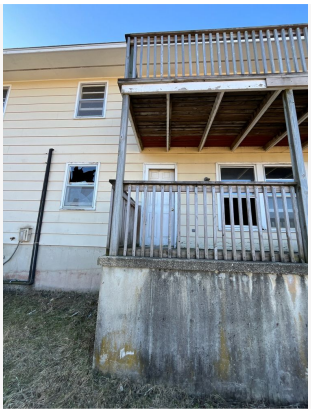
Date: 3/11/2024, 9:33am
Creator: Logan Drake
Tags: Exterior

2



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Creator: Logan Drake
Tags: Exterior

3

Project: Blackstone-house
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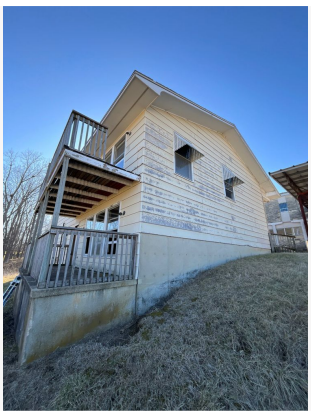
Creator: Logan Drake
Tags: Exterior

4



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Creator: Logan Drake
Tags: Exterior

5

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Creator: Logan Drake
Tags: Exterior

6

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Date: 3/11/2024, 9:34am
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Tags: Exterior

7

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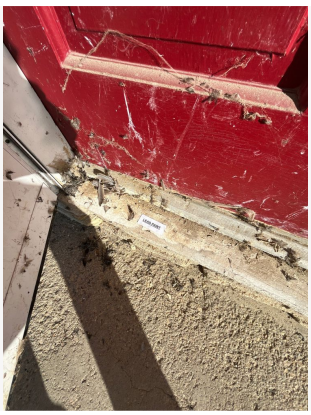
Date: 3/11/2024, 9:34am
Creator: Logan Drake
Tags: Exterior

8



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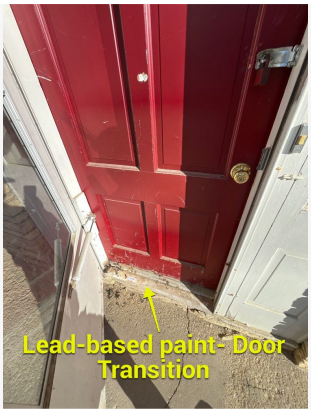
Date: 3/11/2024, 9:34am
Creator: Logan Drake
Tags: Exterior

9



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Date: 3/11/2024, 9:34am
Creator: Logan Drake
Tags: Exterior

10

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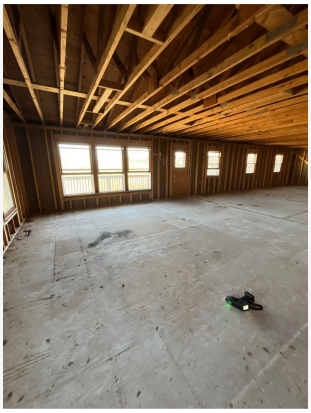
Date: 3/11/2024, 9:35am
Creator: Logan Drake
Tags: Exterior

11

Project: Blackstone-house
Date: 3/11/2024, 9:35am
Creator: Logan Drake
Tags: Exterior

Main Floor Open Space

1



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Creator: Logan Drake
Tags: Main Level

2

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Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

3

Project: Blackstone-house
Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

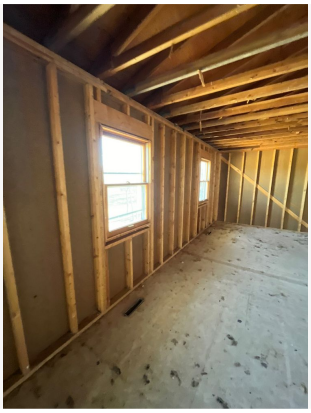
4

Project: Blackstone-house
Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

5

Project: Blackstone-house
Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

6



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Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

7

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Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

8

Project: Blackstone-house
Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

9

Project: Blackstone-house
Date: 3/11/2024, 9:27am
Creator: Logan Drake
Tags: Main Level

Stairs to basement

1

Project: Blackstone-house
Date: 3/11/2024, 9:28am
Creator: Logan Drake
Tags: s entry

2

Project: Blackstone-house
Date: 3/11/2024, 9:29am
Creator: Logan Drake
Tags: s entry

3

Project: Blackstone-house
Date: 3/11/2024, 9:29am
Creator: Logan Drake
Tags: s entry

Basement Open

1

Project: Blackstone-house
Date: 3/11/2024, 9:29am
Creator: Logan Drake
Tags: Basement

2

Project: Blackstone-house
Date: 3/11/2024, 9:30am
Creator: Logan Drake
Tags: Basement

3

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Date: 3/11/2024, 9:30am
Creator: Logan Drake
Tags: Basement

4

Project: Blackstone-house
Date: 3/11/2024, 9:30am
Creator: Logan Drake
Tags: Basement

5

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement

6

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement

7

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement

8

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement

9

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement

Basement Bathroom

1

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement Bathroom

2

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement Bathroom

3

Project: Blackstone-house
Date: 3/11/2024, 9:31am
Creator: Logan Drake
Tags: Basement Bathroom

Basement Utility

1

Project: Blackstone-house
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement utility

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Project: Blackstone-house
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement utility

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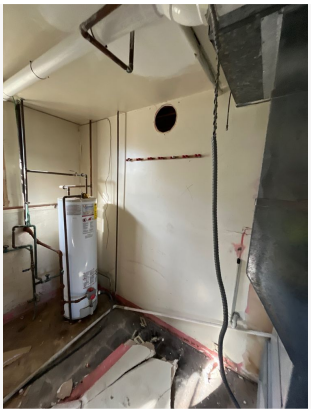

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Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement utility

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Tags: Basement utility

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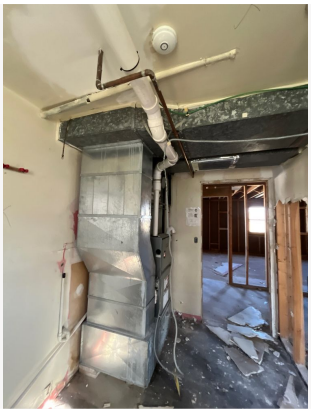
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement utility

6



Project: Blackstone-house
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement utility

Basement Storage

1

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Creator: Logan Drake
Tags: Basement Storage

2

Project: Blackstone-house
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement Storage

3

Project: Blackstone-house
Date: 3/11/2024, 9:32am
Creator: Logan Drake
Tags: Basement Storage

IOWA LEAD & ASBESTOS SAFETY

March 13, 2024

Blackstone Environmental

Livjoyfull LLC
104 Broadway Pl (Hospital)
Anamosa, IA 52205

Lead-based paint testing report

On Monday March 11, 2024, limited lead-based paint testing was performed at the property listed above. The Property was built in 1966. Testing was conducted in accordance with OSHA 1926.62.

This is a Commercial property with planned renovations. Only the planned renovation areas were tested.

RESULTS
Of the tested surfaces, lead-based paint was detected on the following: None

Surfaces positive for lead-based paint.

None

Intact surfaces that tested positive for lead-based paint are not considered as current hazards. Intact surfaces need to be monitored, maintained, and kept in good condition.

Surfaces that tested positive for lead-based paint and are not intact are considered as current hazards and are listed, with control options, under the "Hazard Identification" section of this report.

Included with this report is the XRF calibration sheet and complete list of all tested surfaces.

This inspection does not rule out the possibility of lead-based paint being present somewhere on the property and only reflects the specific surfaces tested on the day listed above and as listed in the XRF Readings information sheet. This report does not address any other environmental concerns.

Federal EPA and Iowa Department of Public Health Definition of Lead-Based Paint is paint or other surface coatings that contain lead greater than or equal to 1.0 mg/cm2 or greater than 0.5% by weight.

The Federal Disclosure Rule on Lead-Based Paint requires that you disclose this report to any future tenants as part of your lease agreement, or if you sell or lease this property. Complete disclosure requirements are included in this report.

Should you have any questions or concerns regarding this report, please contact me at 515.331.1690.

Thank you,

Logan Drake
Iowa Lead Inspector/Risk Assessor
Lic#LEAD-INSP10192
Iowa Lead Professional Firm, Lic#LEAD-FIRM11171

DISCLAIMER
This is our report of a visual survey, and XRF (X-ray Fluorescence) analysis of the readily accessible areas of this building and tested components. The presence or absence of LBP or LBP hazards applies only to the tested or assessed surfaces on the date of the field visit and conditions may change due to deterioration or maintenance. The results and material conditions noted within this report were accurate at the time of the inspection and in no way reflect the conditions at the property after the date of the inspection. No other environmental concerns or conditions were addressed during this inspection.

IOWA LEAD & ASBESTOS SAFETY

XRF Calibration Documentation

Pursuant to IAC 641-70.6(135)

Inspection Date	03/11/24
Address	104 Broadway Place (Hospital) Anamosa IA 52205
Year of Construction	1966
Property Owner	Livjoyfull LLC
XRF Brand and Model	SciAps X-550
XRF Serial #	02445
Date of Isotope Sourcing	Feb-24

READINGS ON LEAD STANDARD					
LEAD STANDARD	**(MG/CM2)**	**READING #1**	**READING# 2**	**READING 3#**	**AVERAGE**
(0.8-1.2) 1.02 Calibration Film	Initial Calibration	1.1	1.0	1.0	1.03
	Ending Calibration	1.1	1.1	1.1	1.1
XRF margin of error: +- 0.3 mg/cm2				**XRF properly calibrated: YES**	

Inspector	Logan Drake
Company Name	Iowa Lead Safety
Address	10544 Justin Dr, Urbandale IA 50322
Lead Professional Firm Certification Number	LEAD-FIRM11171
Iowa Lead Inspector/Risk Assessor Certification Number	LEAD-INSP10192

IOWA DEPARTMENT OF PUBLIC HEALTH
Logan E Drake
Lead Inspector/Risk Assessor
Certification Number: LEAD-INSP10192
Expiration Date: March 6, 2026

Signature of Lead Inspector/Risk Assessor _____

3-11-24

Blackstone Environmental

RE:
Livjoyfull LLC
104 Broadway Place (Hospital)
Anamosa IA 52205
Built: 1966
Limited lead-based paint testing.
Any reading greater than or equal to 1.0mg/cm^2 is positive for lead-based paint.
Un-tested surfaces are presumed to be positive.

Test #	Pb	Units	Result	Room	Component	Substrate	Color	Side	Condition
368	1.1	mg/cm2	Positive	Start Cal					
369	1	mg/cm2	Positive	Start Cal					
370	1	mg/cm2	Positive	Start Cal					
371	0	mg/cm2	Negative	2nd Floor North open	Door Slab	Metal	White	East	Deteriorated
372	0.4	mg/cm2	Negative	2nd Floor North open	Door Frame	Metal	White	East	Deteriorated
373	0	mg/cm2	Negative	2nd Floor North open	Wall	Plaster	White	South	Deteriorated
374	0	mg/cm2	Negative	2nd Floor North open	Wall	Plaster	Green	South	Deteriorated
375	0.1	mg/cm2	Negative	2nd Floor North open	Wall	Plaster	Tan	South	Deteriorated
376	0	mg/cm2	Negative	2nd Floor North open	Wall	Plaster	Tan	South	Deteriorated
377	0	mg/cm2	Negative	2nd Floor North open	Wall	Plaster	Green	South	Deteriorated
378	0	mg/cm2	Negative	2nd Floor North open	Door Frame	Metal	White	West	Deteriorated
379	0	mg/cm2	Negative	2nd Floor North open	Door Slab	Wood	Varnish	West	Intact
380	0	mg/cm2	Negative	West Stairwell to 2nd flr	Wall	Block	White	North	Intact
381	0	mg/cm2	Negative	West Stairwell to 2nd flr	Wall	Block	White	East	Intact
382	0	mg/cm2	Negative	West Stairwell to 2nd flr	Wall	Block	White	West	Intact
383	0	mg/cm2	Negative	West Stairwell to 2nd flr	Wall	Block	White	South	Intact
384	0	mg/cm2	Negative	West Stairwell to 2nd flr	underside of stairs	Concrete	White		Intact
385	0	mg/cm2	Negative	West Stairwell to 2nd flr	Vent Cover	Metal	Tan	East	Deteriorated
386	0	mg/cm2	Negative	West Stairwell to 2nd flr	Handrail	Metal	White	West	Deteriorated
387	0.1	mg/cm2	Negative	West Stairwell to 2nd flr	Handrail	Metal	White	North	Deteriorated
388	0	mg/cm2	Negative	West Stairwell to 2nd flr	Door Slab	Wood	Varnish	East	Intact
389	0	mg/cm2	Negative	West Stairwell to 2nd flr	Door Frame	Metal	Tan	East	Deteriorated
390	0	mg/cm2	Negative	West Stairwell to 2nd flr	Ceiling	Metal	Tan		Deteriorated
391	0	mg/cm2	Negative	2nd Floor East Entry	Window Trim	Wood	Varnish	East 2	Deteriorated
392	0	mg/cm2	Negative	2nd Floor East Entry	Door Slab	Metal	White	East	Deteriorated
393	0	mg/cm2	Negative	2nd Floor East Entry	Door Frame	Metal	White	East	Deteriorated
394	0.1	mg/cm2	Negative	2nd Floor East Entry	Door Frame	Metal	White	South	Deteriorated
395	0.2	mg/cm2	Negative	2nd Floor East Entry	Door Frame	Metal	White	West	Deteriorated
396	0	mg/cm2	Negative	2nd Floor East Entry	Door Slab	Metal	White	West	Deteriorated
397	0.1	mg/cm2	Negative	Garage Entry	Door Frame	Metal	White	North	Deteriorated
398	0	mg/cm2	Negative	Garage Entry	Wall	Block	Green	North	Intact

399	0	mg/cm2	Negative	Garage Entry	Wall	Block	Green	East	Intact
400	0	mg/cm2	Negative	Garage Entry	Wall	Block	White	East	Intact
401	0	mg/cm2	Negative	Garage Entry	Wall	Block	White	South	Intact
402	0	mg/cm2	Negative	Garage Entry	Door Slab	Metal	White	East	Deteriorated
403	0	mg/cm2	Negative	Garage Entry	Door Frame	Metal	White	East	Deteriorated
404	0	mg/cm2	Negative	Garage Entry	Door Frame	Metal	Black	South	Intact
405	0	mg/cm2	Negative	Garage Entry	Door Slab	Metal	Black	South	Intact
406	0	mg/cm2	Negative	Garage Entry	Door Slab	Metal	White	West	Deteriorated
407	0.5	mg/cm2	Negative	Garage Entry	Door Frame	Metal	White	West	Deteriorated
408	0.4	mg/cm2	Negative	Garage Entry	Door header	Metal	White	West	Deteriorated
409	0	mg/cm2	Negative	Garage	Overhead Door	Wood	White	South 1	Deteriorated
410	0	mg/cm2	Negative	Garage	Door Trim	Wood	White	South 1	Deteriorated
411	0	mg/cm2	Negative	Garage	Door Trim	Wood	Tan	South 2	Deteriorated
412	0	mg/cm2	Negative	Garage	Overhead Door	Metal	White	South 2	Intact
413	0	mg/cm2	Negative	Garage	Wall	Block	White	West	Intact
414	0	mg/cm2	Negative	Garage	Wall	Block	White	South	Intact
415	0	mg/cm2	Negative	Garage	Door Slab	Metal	Gray	West	Deteriorated
416	0	mg/cm2	Negative	Garage	Door Frame	Metal	Gray	West	Deteriorated
417	0	mg/cm2	Negative	Garage	Ceiling	Drywall	White		Intact
418	0	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	Tan	North	Deteriorated
419	0	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	Tan	East	Deteriorated
420	0	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	Tan	West	Deteriorated
421	0	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	Green	West	Deteriorated
422	0	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	White	North	Deteriorated
423	0.1	mg/cm2	Negative	2nd Floor South Open	Wall	Plaster	Green	South	Deteriorated
424	0.1	mg/cm2	Negative	2nd Floor South Open	Door Frame	Metal	White	East 1	Deteriorated
425	0	mg/cm2	Negative	2nd Floor South Open	Door frame	Metal	White	West	Deteriorated
426	0.3	mg/cm2	Negative	2nd Floor South Open	Door Slab	Metal	White	West	Deteriorated
427	0	mg/cm2	Negative	2nd Floor South Open	Door Slab	Metal	White	East 2	Deteriorated
428	0.4	mg/cm2	Negative	2nd Floor South Open	Door Frame	Metal	White	East	Deteriorated
429	0	mg/cm2	Negative	2nd Floor South Open	Window Sash	Wood	White	East	Deteriorated
430	0	mg/cm2	Negative	2nd Floor South Open	Wall	Drywall	White	East	Deteriorated
431	0	mg/cm2	Negative	2nd Floor South Open	Wall	Wood	Tan	South	Deteriorated
432	0	mg/cm2	Negative	2nd Floor South Open	support Post	Metal	Red	South 2	Deteriorated
433	0	mg/cm2	Negative	2nd Floor South Open	Support Post	Metal	Red	North 3	Deteriorated
434	0	mg/cm2	Negative	2nd Floor South Open	I Beam (Ceiling)	Metal	Red	North	Deteriorated
435	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Wall	Plaster	Tan	North	Deteriorated
436	0.8	mg/cm2	Negative	SW Stairwell to 2nd flr	Wall	Plaster	Tan	South	Deteriorated
437	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Wall	Plaster	White	East	Deteriorated
438	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Wall	Plaster	Tan	West	Deteriorated
439	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Vent Cover	Metal	Tan	West	Deteriorated
440	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Ceiling	Metal	Tan		Deteriorated
441	0.1	mg/cm2	Negative	SW Stairwell to 2nd flr	Door frame	Metal	Tan	East	Deteriorated
442	0.2	mg/cm2	Negative	SW Stairwell to 2nd flr	Door Slab	Metal	Tan	East	Deteriorated

443	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Handrail	Metal	White	South	Deteriorated
444	0.1	mg/cm2	Negative	SW Stairwell to 2nd flr	Riser	Metal	White	South	Deteriorated
445	0.1	mg/cm2	Negative	SW Stairwell to 2nd flr	Stringer	Metal	White	North	Deteriorated
446	0	mg/cm2	Negative	SW Stairwell to 2nd flr	Railing	Metal	White	West	Deteriorated
447	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Block	White	North	Intact
448	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Block	White	West	Intact
449	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Block	Green	West	Intact
450	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Concrete	Green	South	Deteriorated
451	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Concrete	White	South	Deteriorated
452	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Concrete	Tan	East	Intact
453	0	mg/cm2	Negative	Storage A 1st Floor	Wall	Block	Tan	North	Intact
454	0	mg/cm2	Negative	Storage A 1st Floor	Door Slab	Metal	Tan	North 1	Deteriorated
455	0	mg/cm2	Negative	Storage A 1st Floor	Door Slab	Metal	Tan	North 2	Deteriorated
456	0.2	mg/cm2	Negative	Storage A 1st Floor	Door Frame	Metal	Tan	North	Deteriorated
457	0	mg/cm2	Negative	Storage A 1st Floor	I Beam (Ceiling)	Metal	Red		Deteriorated
458	0	mg/cm2	Negative	Hydraulic Room	Wall	Block	Tan	North	Intact
459	0	mg/cm2	Negative	Hydraulic Room	Wall	Block	Tan	East	Intact
460	0	mg/cm2	Negative	Hydraulic Room	Wall	Block	Tan	West	Intact
461	0	mg/cm2	Negative	Hydraulic Room	Wall	Concrete	Tan	South	Deteriorated
462	0.1	mg/cm2	Negative	Hydraulic Room	Pipe	Metal	Tan	South	Deteriorated
463	0	mg/cm2	Negative	Hydraulic Room	Stack Pipe	Metal	Tan	South	Deteriorated
464	0.3	mg/cm2	Negative	Hydraulic Room	Door Slab	Metal	Tan	North 1	Deteriorated
465	0.3	mg/cm2	Negative	Hydraulic Room	Door Slab	Metal	Tan	North 2	Deteriorated
466	0.3	mg/cm2	Negative	Hydraulic Room	Door Frame	Metal	Tan	North	Deteriorated
467	0	mg/cm2	Negative	Rm 125 East Laundry	Wall	Block	White	North	Intact
468	0	mg/cm2	Negative	Rm 125 East Laundry	Wall	Concrete	White	East	Deteriorated
469	0	mg/cm2	Negative	Rm 125 East Laundry	Wall	Concrete	White	South	Deteriorated
470	0	mg/cm2	Negative	Rm 125 East Laundry	Wall	Block	White	West	Intact
471	0	mg/cm2	Negative	Rm 125 East Laundry	Door Slab	Metal	Blue	West 1	Deteriorated
472	0	mg/cm2	Negative	Rm 125 East Laundry	Door Slab	Metal	Blue	West 2	Deteriorated
473	0	mg/cm2	Negative	Rm 125 East Laundry	Door Slab	Metal	Blue	West 3	Deteriorated
474	0	mg/cm2	Negative	Rm 125 East Laundry	Door Slab	Metal	Blue	West 4	Deteriorated
475	0	mg/cm2	Negative	Rm 125 East Laundry	Door Frame	Metal	Blue	West 3	Deteriorated
476	0	mg/cm2	Negative	Rm 125 East Laundry	Door Frame	Metal	Blue	West 2	Deteriorated
477	0.1	mg/cm2	Negative	Rm 125 East Laundry	Door Frame	Metal	Blue	West 1	Deteriorated
478	0	mg/cm2	Negative	Rm 125 East Laundry	Vent (ceiling)	Metal	White		Deteriorated
479	0	mg/cm2	Negative	Rm 125 East Laundry	Ceiling	Concrete	White		Deteriorated
480	0	mg/cm2	Negative	Rm 123 Bio	Wall	Block	White	North	Intact
481	0	mg/cm2	Negative	Rm 123 Bio	Wall	Block	White	East	Intact
482	0	mg/cm2	Negative	Rm 123 Bio	Wall	Block	White	South	Intact
483	0	mg/cm2	Negative	Rm 123 Bio	Wall	Block	White	West	Intact
484	0	mg/cm2	Negative	Rm 123 Bio	Door Slab	Metal	Blue	East	Deteriorated
485	0	mg/cm2	Negative	Rm 123 Bio	Door frame	Metal	Blue	East	Deteriorated
486	0	mg/cm2	Negative	Rm 123 Bio	Vent (ceiling)	Metal	Tan		Deteriorated

487	0	mg/cm2	Negative	Rm 123 Bio	Ceiling	Concrete	White		Deteriorated
488	0.2	mg/cm2	Negative	Rm 123 Bio	Pipe (ceiling)	Metal	Tan		Deteriorated
489	0	mg/cm2	Negative	Rm 124 South Laundry	Wall	Block	White	North	Intact
490	0	mg/cm2	Negative	Rm 124 South Laundry	Wall	Block	White	East	Intact
491	0	mg/cm2	Negative	Rm 124 South Laundry	Wall	Block	White	South	Intact
492	0	mg/cm2	Negative	Rm 124 South Laundry	Wall	Block	White	West	Intact
493	0.3	mg/cm2	Negative	Rm 124 South Laundry	Door Slab	Metal	Tan	West 1	Deteriorated
494	0.2	mg/cm2	Negative	Rm 124 South Laundry	Door Slab	Metal	Tan	West 2	Deteriorated
495	0.2	mg/cm2	Negative	Rm 124 South Laundry	Door Frame	Metal	Tan	West	Deteriorated
496	0.2	mg/cm2	Negative	Rm 124 South Laundry	Door Frame	Metal	Blue	East	Deteriorated
497	0	mg/cm2	Negative	Rm 124 South Laundry	Door Slab	Metal	Blue	East 1	Deteriorated
498	0	mg/cm2	Negative	Rm 124 South Laundry	Door Slab	Metal	Blue	East 2	Deteriorated
499	0	mg/cm2	Negative	Rm 124 South Laundry	Support column	Concrete	White	South	Deteriorated
500	0	mg/cm2	Negative	Rm 124 South Laundry	Ceiling	Concrete	White		Deteriorated
501	0.1	mg/cm2	Negative	Rm 124 South Laundry	Pipe (ceiling)	Metal	Tan		Deteriorated
502	0	mg/cm2	Negative	Rm 122 North Laundry	Wall	Block	White	North	Intact
503	0	mg/cm2	Negative	Rm 122 North Laundry	Wall	Block	White	East	Intact
504	0	mg/cm2	Negative	Rm 122 North Laundry	Wall	Block	White	South	Intact
505	0	mg/cm2	Negative	Rm 122 North Laundry	Wall	Block	White	West	Intact
506	0.3	mg/cm2	Negative	Rm 122 North Laundry	Door Slab	Metal	Tan	West	Deteriorated
507	0	mg/cm2	Negative	Rm 122 North Laundry	Door Frame	Metal	Tan	West	Deteriorated
508	0	mg/cm2	Negative	Rm 122 North Laundry	Door Frame	Metal	Blue	East	Deteriorated
509	0	mg/cm2	Negative	Rm 122 North Laundry	Door Slab	Metal	Blue	East	Deteriorated
510	0	mg/cm2	Negative	Rm 122 North Laundry	Ceiling	Concrete	White		Intact
511	0	mg/cm2	Negative	Mens Restroom 1st Flr	Wall	Block	White	North	Intact
512	0	mg/cm2	Negative	Mens Restroom 1st Flr	Wall	Block	White	East	Intact
513	0	mg/cm2	Negative	Mens Restroom 1st Flr	Wall	Block	White	South	Intact
514	0	mg/cm2	Negative	Mens Restroom 1st Flr	Wall	Block	White	West	Intact
515	0	mg/cm2	Negative	Mens Restroom 1st Flr	Door Slab	Metal	Blue	West	Deteriorated
516	0	mg/cm2	Negative	Mens Restroom 1st Flr	Door Frame	Metal	Tan	West	Deteriorated
517	0	mg/cm2	Negative	Mens Restroom 1st Flr	Door Frame	Metal	Blue	East	Deteriorated
518	0	mg/cm2	Negative	Mens Restroom 1st Flr	Door Slab	Metal	Blue	East	Deteriorated
519	0	mg/cm2	Negative	Mens Restroom 1st Flr	Ceiling	Plaster	White		Deteriorated
520	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	White	North	Intact
521	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	White	East	Intact
522	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	White	South	Intact
523	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	White	West	Intact
524	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	Green	West	Intact
525	0	mg/cm2	Negative	Rm 120 Electrical	Wall	Block	Green	South	Intact
526	0.4	mg/cm2	Negative	Rm 120 Electrical	Door Slab	Metal	Gray	West	Deteriorated
527	0	mg/cm2	Negative	Rm 120 Electrical	Door Frame	Metal	Gray	West	Deteriorated
528	0	mg/cm2	Negative	Rm 120 Electrical	Door frame	Metal	Brown	North	Deteriorated
529	0	mg/cm2	Negative	Rm 120 Electrical	Door Slab	Metal	Brown	North	Deteriorated
530	0	mg/cm2	Negative	1st Floor Open	Wall	Wood	Tan	North	Deteriorated

531	0	mg/cm2	Negative	1st Floor Open	Wall	Block	Tan	North	Intact
532	0	mg/cm2	Negative	1st Floor Open	Wall	Block	White	North	Intact
533	0	mg/cm2	Negative	1st Floor Open	Window Trim	Wood	Varnish	North	Intact
534	0	mg/cm2	Negative	1st Floor Open	Window Sill	Wood	Varnish	North	Intact
535	0	mg/cm2	Negative	1st Floor Open	Window Trim	Wood	Varnish	North	Intact
536	0	mg/cm2	Negative	1st Floor Open	Wall	Block	Green	North	Intact
537	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	White	North 1	Deteriorated
538	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	White	North 2	Deteriorated
539	0.3	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	North 1	Deteriorated
540	0.2	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	North 2	Deteriorated
541	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	North 3	Deteriorated
542	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	North 4	Deteriorated
543	0.3	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 1	Deteriorated
544	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 2	Deteriorated
545	0.3	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 3	Deteriorated
546	0.3	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 4	Deteriorated
547	0.2	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 5	Deteriorated
548	0.1	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	South 1	Deteriorated
549	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	South 2	Deteriorated
550	0.3	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	South 3	Deteriorated
551	0.3	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	South 4	Deteriorated
552	0.2	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	South 2	Deteriorated
553	0.1	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	South 1	Deteriorated
554	0.3	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	East 4	Deteriorated
555	0	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	East 3	Deteriorated
556	0	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	East 2	Deteriorated
557	0	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	East 1	Deteriorated
558	0	mg/cm2	Negative	1st Floor Open	Wall	Block	White	East	Intact
559	0	mg/cm2	Negative	1st Floor Open	Wall	Block	White	South	Intact
560	0	mg/cm2	Negative	1st Floor Open	Wall	Block	Tan	South	Intact
561	0.1	mg/cm2	Negative	1st Floor Open	Door frame	Metal	Tan	East 5	Deteriorated
562	0.1	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 6	Deteriorated
563	0.1	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	East 7	Deteriorated
564	0.4	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	West 1	Deteriorated
565	0	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	West 1	Deteriorated
566	0	mg/cm2	Negative	1st Floor Open	Door Frame	Metal	Tan	West 2	Deteriorated
567	0	mg/cm2	Negative	1st Floor Open	Door Slab	Metal	Tan	West 2	Deteriorated
568	0	mg/cm2	Negative	1st Floor Open	Wall	Drywall	Tan	West	Deteriorated
569	0	mg/cm2	Negative	1st Floor Open	Wall	Block	Tan	West	Intact
570	0	mg/cm2	Negative	1st Floor Open	Wall	Block	White	West	Intact
571	0	mg/cm2	Negative	1st Floor Open	Wall	Block	Green	West	Intact
572	0	mg/cm2	Negative	1st Floor Open	Support column	Concrete	Tan	North 1	Deteriorated
573	0	mg/cm2	Negative	1st Floor Open	Support column	Concrete	White	North 1	Deteriorated
574	0	mg/cm2	Negative	1st Floor Open	Support column	Concrete	White	North 4	Deteriorated

575	0	mg/cm2	Negative	Exterior	Door Slab	Metal	White	North 1	Deteriorated
576	0	mg/cm2	Negative	Exterior	Door Frame	Metal	White	North 1	Deteriorated
577	0.3	mg/cm2	Negative	Exterior	Door Frame	Metal	White	North 2	Deteriorated
578	0	mg/cm2	Negative	Exterior	Door Slab	Metal	White	North 2	Deteriorated
579	0.1	mg/cm2	Negative	Exterior	Door Slab	Metal	White	North 3	Deteriorated
580	0	mg/cm2	Negative	Exterior	I Beam overhang	Metal	Gray	North 2	Deteriorated
581	0	mg/cm2	Negative	Exterior	I Beam Overhang	Metal	Red	North 3	Deteriorated
582	0.2	mg/cm2	Negative	Exterior	Door frame	Metal	Tan	North 4	Deteriorated
583	0.1	mg/cm2	Negative	Exterior	Door Slab	Metal	Tan	North 5	Deteriorated
584	0.4	mg/cm2	Negative	Exterior	Door Slab	Metal	Tan	North 4	Deteriorated
585	0	mg/cm2	Negative	Exterior	Door Frame	Metal	Tan	East	Deteriorated
586	0	mg/cm2	Negative	Exterior	Door Slab	Metal	Tan	East	Deteriorated
587	0	mg/cm2	Negative	Exterior	Handrail	Metal	Tan	East	Deteriorated
588	0	mg/cm2	Negative	Exterior	Window Trim	Wood	White	East 1	Deteriorated
589	0	mg/cm2	Negative	Exterior	Window Trim	Wood	White	East 4	Deteriorated
590	0	mg/cm2	Negative	Exterior	Soffit	Wood	Tan	East	Deteriorated
591	0	mg/cm2	Negative	Exterior	Fascia	Wood	Tan	East	Deteriorated
592	0	mg/cm2	Negative	Exterior	Wall	Wood	Brown	North	Deteriorated
593	0	mg/cm2	Negative	Exterior	Soffit	Wood	Tan	North	Deteriorated
594	0.1	mg/cm2	Negative	Exterior	Fascia	Wood	Tan	North	Deteriorated
595	0	mg/cm2	Negative	Exterior	Fascia	Wood	White	North	Deteriorated
596	0	mg/cm2	Negative	Exterior	Fascia	Wood	White	East	Deteriorated
597	0	mg/cm2	Negative	Exterior	Door Slab	Metal	Black	South 2	Intact
598	0	mg/cm2	Negative	Exterior	Door Frame	Metal	Black	South 2	Intact
599	0	mg/cm2	Negative	Exterior	Overhead Door	Wood	White	South 4	Deteriorated
600	0	mg/cm2	Negative	Exterior	Door Slab	Metal	White	West	Deteriorated
601	0	mg/cm2	Negative	Exterior	Door Slab	Metal	Brown	West	Deteriorated
602	0	mg/cm2	Negative	Exterior	Door frame	Metal	White	West	Deteriorated
603	0	mg/cm2	Negative	Exterior	Window Plate	Metal	White	North 2	Deteriorated
604	0	mg/cm2	Negative	Exterior	Window Plate	Metal	White	North 4	Deteriorated
605	0	mg/cm2	Negative	Exterior	Column	Concrete	White	North 5	Deteriorated
606	0	mg/cm2	Negative	Exterior	Window plate	Metal	White	South 1	Deteriorated
607	0	mg/cm2	Negative	Exterior	Window plate	Metal	White	West 6	Deteriorated
608	0	mg/cm2	Negative	Exterior	Roof Metal	Metal	Black	West	Deteriorated
609	0	mg/cm2	Negative	Exterior	Roof Metal	Metal	Green	West	Deteriorated
610	1.1	mg/cm2	Positive	End Cal					
611	1.1	mg/cm2	Positive	End Cal					
612	1.1	mg/cm2	Positive	End Cal					

Logan Drake

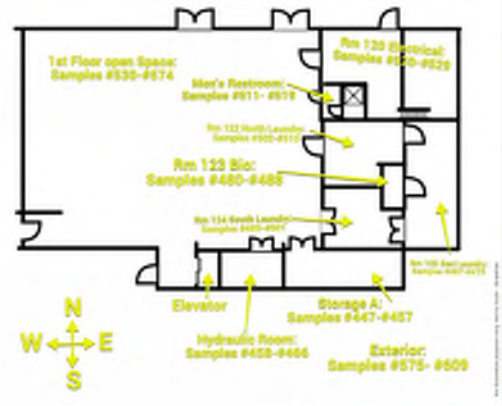
Alliance Environmental Services

3/13/2024 | 153 Photos

Photo Log Hospital

Site Maps

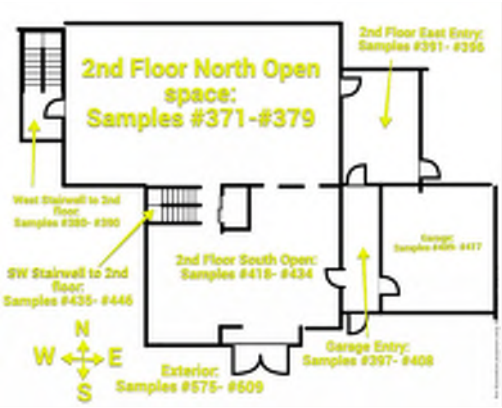
1



1st floor

Project: Blackstone-hospital
Date: 3/13/2024, 5:29pm
Creator: Logan Drake

2



2nd floor

Project: Blackstone-hospital
Date: 3/13/2024, 5:42pm
Creator: Logan Drake

2nd floor north open space

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

2

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

3

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

4

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

5

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

6

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

7

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

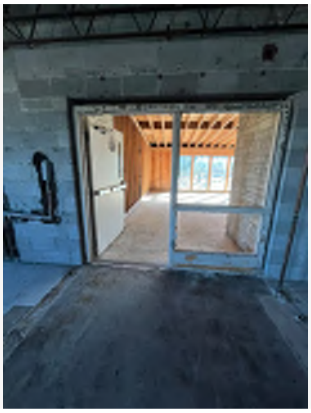
8

Project: Blackstone-hospital
Date: 3/11/2024, 10:04am
Creator: Logan Drake
Tags: 2nd floor North open

9

Project: Blackstone-hospital
Date: 3/11/2024, 10:05am
Creator: Logan Drake
Tags: 2nd floor North open

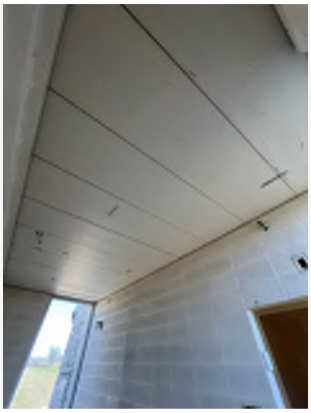
10



Project: Blackstone-hospital
Date: 3/11/2024, 10:05am
Creator: Logan Drake
Tags: 2nd floor North open

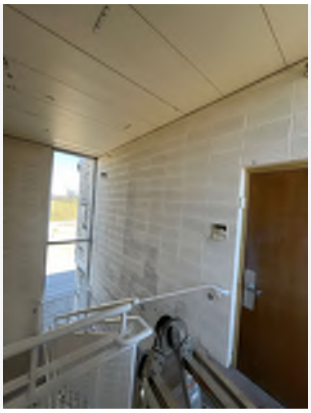
West stairwell to 2nd floor

1



Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

2

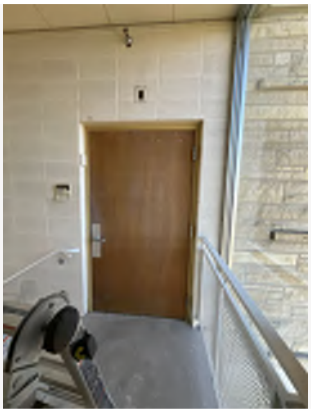


Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

3

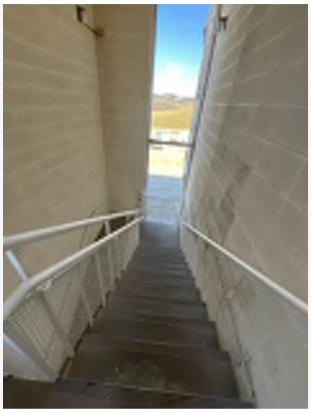
Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

4



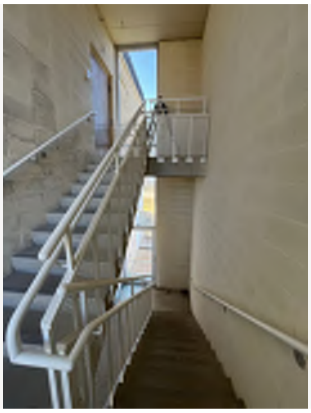
Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

5



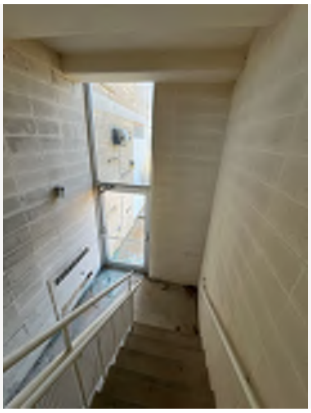
Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

6



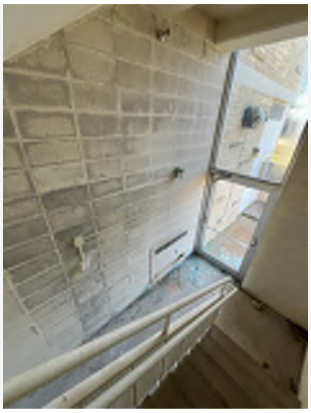
Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

7



Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

8

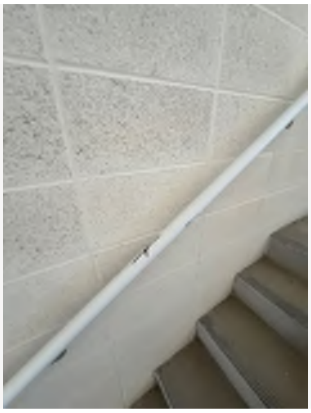


Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

9

Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

10



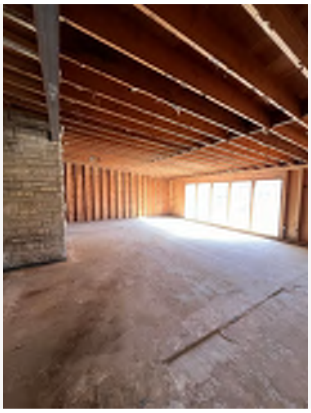
Project: Blackstone-hospital
Date: 3/11/2024, 10:01am
Creator: Logan Drake
Tags: west stairwell to 2nd

2nd floor east entry

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: 2nd floor east entry

2



Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: 2nd floor east entry

3

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: 2nd floor east entry

Garage Entry

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage Entry

2

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage Entry

3

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage Entry

4

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage Entry

Garage

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage

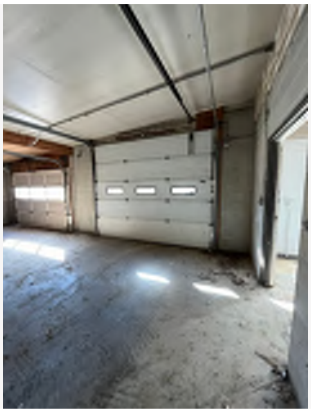
2

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage

3

Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage

4



Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage

5

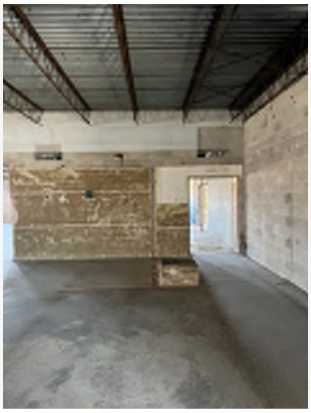
Project: Blackstone-hospital
Date: 3/11/2024, 10:24am
Creator: Logan Drake
Tags: Garage

2nd floor south open space

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

2



Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

3

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

4

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

5

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

6

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

7

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

8

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

9

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

10

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

11

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

12

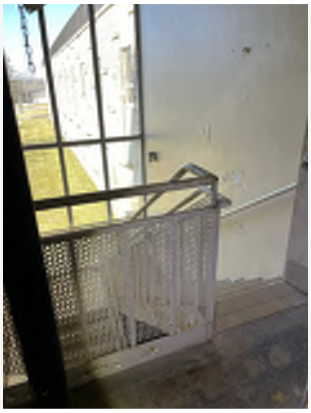
Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

13

Project: Blackstone-hospital
Date: 3/11/2024, 10:38am
Creator: Logan Drake
Tags: 2nd floor South Open

SW stairwell to 2nd floor

1



Project: Blackstone-hospital
Date: 3/11/2024, 12:05pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

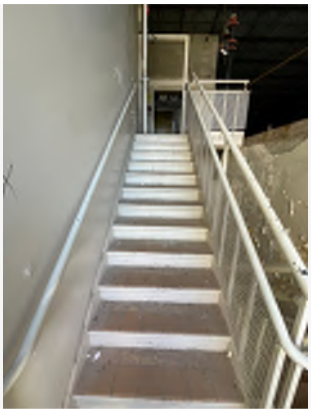
2

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

3

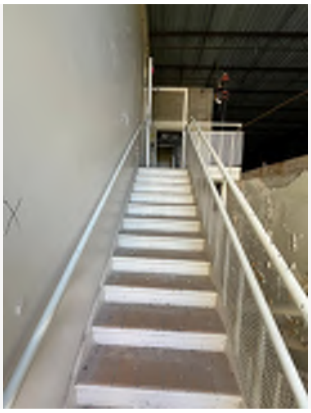
Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

4



Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

5



Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

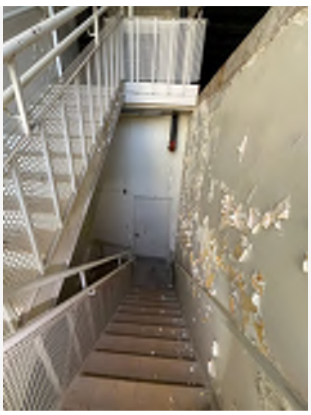
6

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

7

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

8

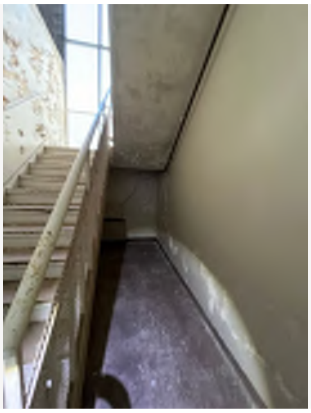


Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

9

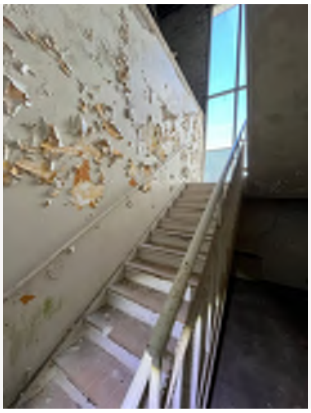
Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

10



Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

11



Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: SW stairwell to 2nd

Storage A 1st floor

1

Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

2

Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

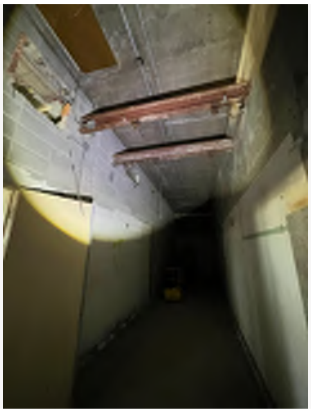
3

Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

4

Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

5

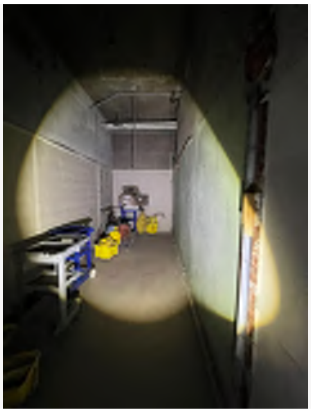


Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

6

Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

7



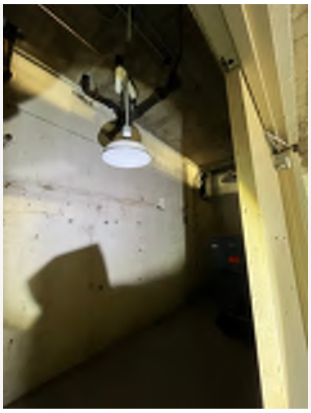
Project: Blackstone-hospital
Date: 3/11/2024, 10:57am
Creator: Logan Drake
Tags: 1st floor Storage A

Hydraulic Room

1

Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

2

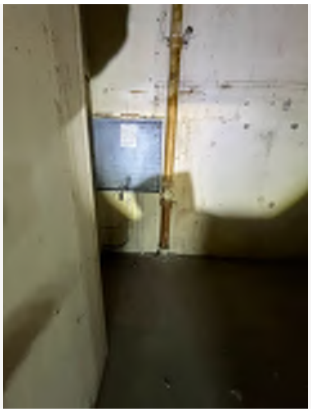


Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

3

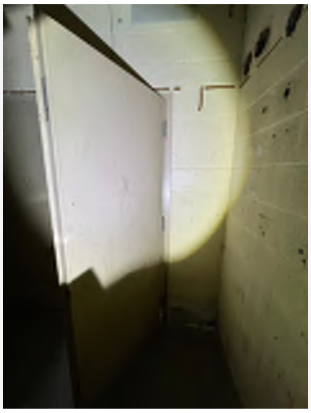
Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

4



Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

5



Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

6

Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

7

Project: Blackstone-hospital
Date: 3/11/2024, 11:03am
Creator: Logan Drake
Tags: 1st floor Mechanical

Rm 125 East Laundry

1

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

2

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

3

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

4

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

5

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

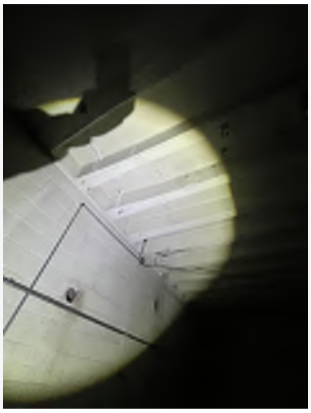
6

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

7

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

8



Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

9

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

10

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 125 E Laundry

Rm 123 Bio Waste

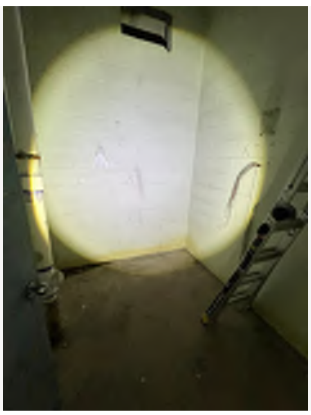
1

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

2

Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

3

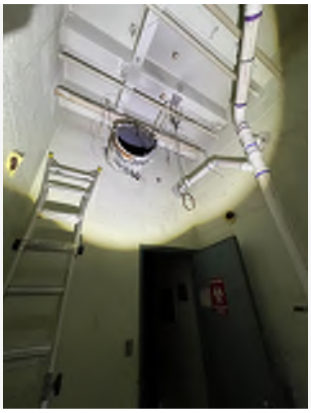


Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

4

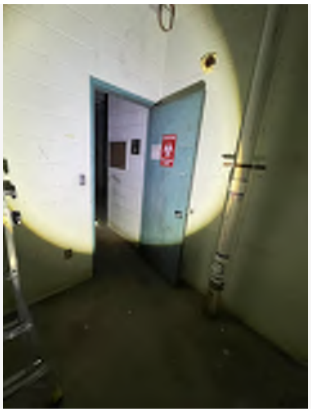
Project: Blackstone-hospital
Date: 3/11/2024, 11:18am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

5



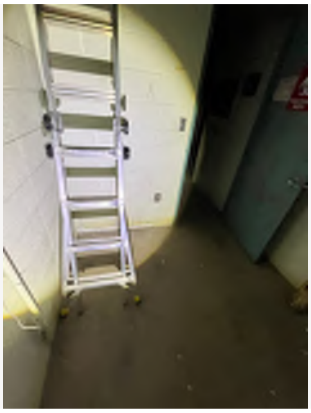
Project: Blackstone-hospital
Date: 3/11/2024, 11:19am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

6



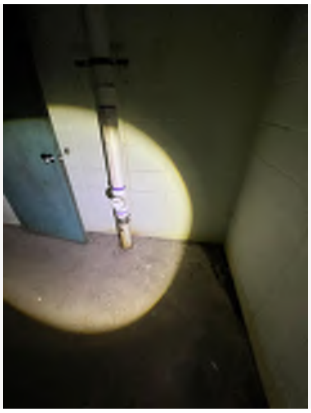
Project: Blackstone-hospital
Date: 3/11/2024, 11:19am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

7



Project: Blackstone-hospital
Date: 3/11/2024, 11:19am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

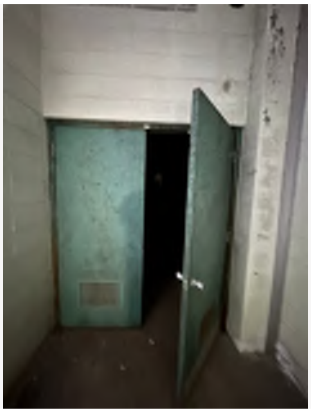
8



Project: Blackstone-hospital
Date: 3/11/2024, 11:19am
Creator: Logan Drake
Tags: Rm 123 Bio Waste

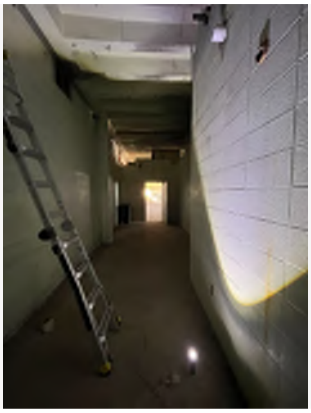
Rm 124 South Laundry

1



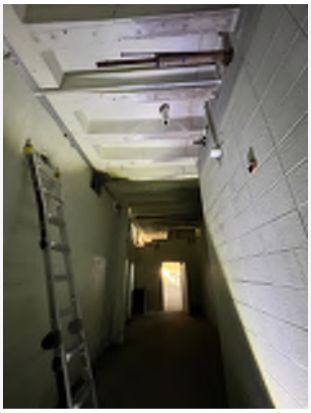
Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

2



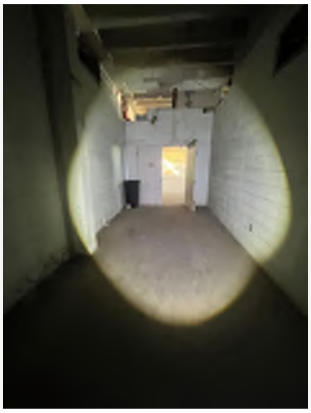
Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

3



Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

4

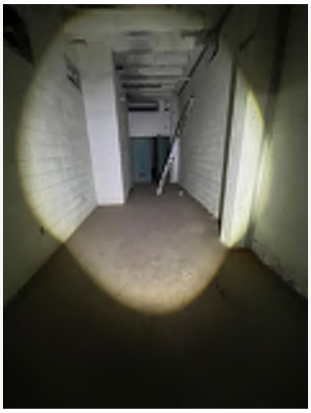


Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

5

Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

6



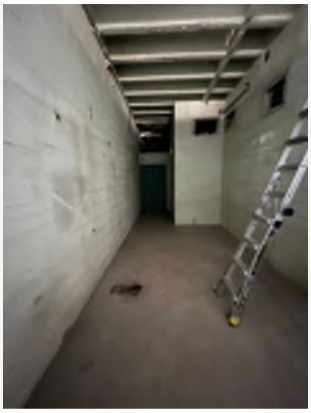
Project: Blackstone-hospital
Date: 3/11/2024, 11:27am
Creator: Logan Drake
Tags: Rm 124 Soith Laundry

Rm 122 North Laundry

1

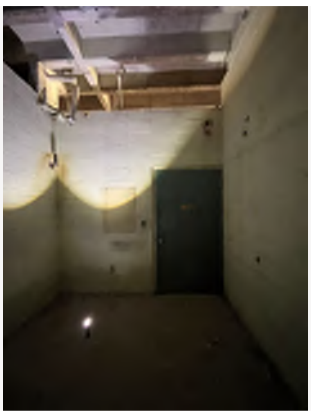
Project: Blackstone-hospital
Date: 3/11/2024, 11:34am
Creator: Logan Drake
Tags: Rm 122 North Laundry

2



Project: Blackstone-hospital
Date: 3/11/2024, 11:34am
Creator: Logan Drake
Tags: Rm 122 North Laundry

3



Project: Blackstone-hospital
Date: 3/11/2024, 11:34am
Creator: Logan Drake
Tags: Rm 122 North Laundry

Mens Restroom

1

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

2

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

3

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

4

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

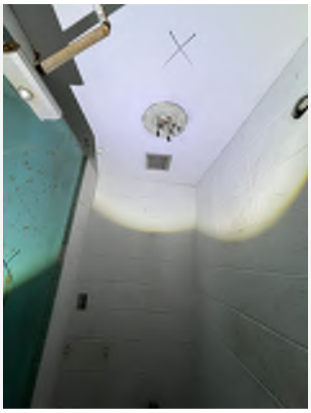
5

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

6

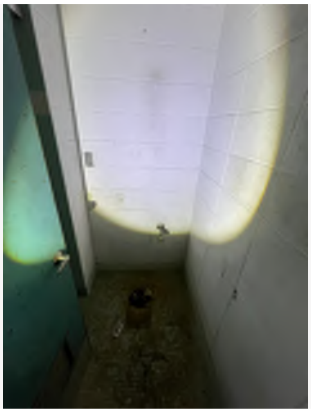
Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

7



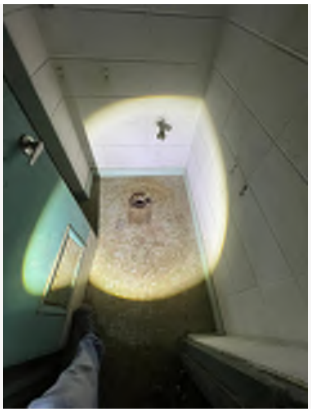
Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

8



Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

9



Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 128 Mens Restroom 1st floor

Rm 120 Electrical

1

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

2

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

3

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

4

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

5

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

6

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

7

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

8

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

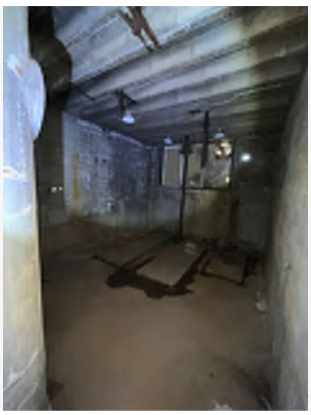
9

Project: Blackstone-hospital
Date: 3/11/2024, 11:45am
Creator: Logan Drake
Tags: Rm 120 Electrical

10

Project: Blackstone-hospital
Date: 3/11/2024, 11:46am
Creator: Logan Drake
Tags: Rm 120 Electrical

11



Project: Blackstone-hospital
Date: 3/11/2024, 11:46am
Creator: Logan Drake
Tags: Rm 120 Electrical

12

Project: Blackstone-hospital
Date: 3/11/2024, 11:46am
Creator: Logan Drake
Tags: Rm 120 Electrical

1st floor open space

1

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

2

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

3

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

4

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

5

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

6

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

7

Project: Blackstone-hospital
Date: 3/11/2024, 12:06pm
Creator: Logan Drake
Tags: 1st floor open space

8

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

9

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

10

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

11

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

12

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

13

Project: Blackstone-hospital
Date: 3/11/2024, 12:07pm
Creator: Logan Drake
Tags: 1st floor open space

Exterior

1

Project: Blackstone-hospital
Date: 3/11/2024, 12:25pm
Creator: Logan Drake
Tags: Exterior

2

Project: Blackstone-hospital
Date: 3/11/2024, 12:25pm
Creator: Logan Drake
Tags: Exterior

3

Project: Blackstone-hospital
Date: 3/11/2024, 12:25pm
Creator: Logan Drake
Tags: Exterior

4

Project: Blackstone-hospital
Date: 3/11/2024, 12:25pm
Creator: Logan Drake
Tags: Exterior

5

Project: Blackstone-hospital
Date: 3/11/2024, 12:25pm
Creator: Logan Drake
Tags: Exterior

6

Project: Blackstone-hospital
Date: 3/11/2024, 12:31pm
Creator: Logan Drake
Tags: Exterior

7

Project: Blackstone-hospital
Date: 3/11/2024, 12:31pm
Creator: Logan Drake
Tags: Exterior

8

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

9

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

10

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

11

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

12

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

13

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

14

Project: Blackstone-hospital
Date: 3/11/2024, 12:33pm
Creator: Logan Drake
Tags: Exterior

15

Project: Blackstone-hospital
Date: 3/11/2024, 1:07pm
Creator: Logan Drake
Tags: Exterior

16

Project: Blackstone-hospital
Date: 3/11/2024, 1:07pm
Creator: Logan Drake
Tags: Exterior

17

Project: Blackstone-hospital
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Creator: Logan Drake
Tags: Exterior

18

Project: Blackstone-hospital
Date: 3/11/2024, 1:08pm
Creator: Logan Drake
Tags: Exterior

19

Project: Blackstone-hospital
Date: 3/11/2024, 1:14pm
Creator: Logan Drake
Tags: Exterior

20

Project: Blackstone-hospital
Date: 3/11/2024, 1:14pm
Creator: Logan Drake
Tags: Exterior

IOWA LEAD & ASBESTOS SAFETY

EXECUTIVE SUMMARY

This lead base paint inspection was conducted according to **Iowa Administrative Code 641 Chapter 70.6(2)**. Components having lead levels at or above the action level are visually assessed for condition.

“Intact” surfaces (excluding windowsills) that test positive for lead-based paint are not considered as current hazards. Intact surfaces need to be monitored, maintained, and kept in good condition. Intact windowsills that test positive for lead-based paint are considered a hazard and are addressed in the Hazard Identification section of this report.

The XRF testing was conducted using our **SciAps X-550 #02445** instrument in standard testing mode, using software version 2.2.2.0 with an isotope being sourced in February 2024.
Iowa Lead Safety lead-based paint inspections are performed by Logan Drake who is a licensed Lead Inspector/ Risk Assessor thru the Iowa Department of Public Health and only he may alter or edit this report.

The location and nature of this inspection are required to be reported to the Iowa Department of Public Health for tracking purposes. The Iowa Department of Public Health may review this report for compliance purposes. It is a violation of law for anyone other than the certified lead professional signing it to alter this report. This report may be supplemented with additional information, so long as any addendum is signed by a lead inspector/risk assessor or elevated blood lead (EBL) inspector/risk assessor certified per Iowa Administrative Code 641—70.3(135) and 70.5(135).”

STANDARD TESTING METHODOLOGY

A Room Equivalent is an identifiable part of a building, such as a room, an exterior side, or an exterior area. Hallways, stairways, and exterior areas, such as loading docks, parking lots, and each side of a building, are all considered room equivalents.

Each room equivalent is made up of Components. Components may be located inside or outside a building. For example, components in a room could be its ceiling, floor, walls, a door and its casing, the window sash, and window casings. The Substrate is the material underneath the paint of a component. Although many different substrates exist, HUD guidelines recommend classifying substrates into one of six types: (1) brick; (2) concrete; (3) drywall; (4) metal, (5) plaster; and (6) wood. If the true substrate under investigation is not one of the types, HUD guidelines mandate the inspector/risk assessor to select the substrate type that most closely resembles one of the six defined substrate types. For substrates that are layered, such as plaster on concrete, the substrate directly beneath the painted surface is identified during a LBP inspection. A Testing Combination is characterized by the room equivalent, component, substrate, and visible color of paint. The Test Location is a specific area on a testing combination where the XRF (x-ray fluorescence) instrument was used to test for LBP.

SAMPLING STRATEGIES

Per the HUD and State of Iowa guidelines, a lead paint reading by XRF of 1.0 mg/cm2 or above is considered positive for the presence of LBP. An XRF reading below 1.0 mg/cm2 is considered negative; however, a reading below 1.0 mg/cm2 could still be harmful if proper precautions are not taken during activities that disturb these paint films. If there are any inconclusive readings, a paint-chip sample may be collected for laboratory analysis. Laboratory analysis of samples collected will only be performed by an EPA approved National Lead Laboratory Accreditation Program (NLLAP) laboratory. There is no inconclusive range for laboratory measurements/results.

IOWA LEAD & ASBESTOS SAFETY

IOWA LEAD & ASBESTOS SAFETY

IOWA DEPARTMENT OF PUBLIC HEALTH LEAD SAFE RENOVATOR (LSR) RESPONSIBILITIES

Landlord, Property Management and Contractor Information

Negative Surfaces

If a surface represented in this report is to be renovated and this report shows that there was no lead-based paint present, then a licensed Lead Safe Renovator can use this report to show that LSR requirements are not necessary under 641-70.6(11) part 1 and gives them an exclusion to the Iowa Dept. of Public Health rules for renovation projects.

Positive Lead-based paint surfaces

If the surface represented in this report is to be renovated and this report shows the presence of lead-based paint, then the licensed **Lead Safe Renovator** contractor will have to follow Iowa Department of Public Health 641-70.6(11) rules for Lead Safe Renovation activities by containing the work area with plastic, putting up warning signs, thoroughly cleaning up the work area and provide a written report as to what work practices were followed to protect the property.

IOWA LEAD & ASBESTOS SAFETY

FEDERAL REAL ESTATE DISCLOSURE RESPONSIBILITY

Before ratification of a contract for housing sale or lease, sellers and landlords are REQUIRED by Federal Law (24 CFR part 35 and 40 CFR part 745) to:

- Give a State of Iowa or EPA-approved information pamphlet***** on identifying and controlling lead-based paint hazards. Iowa pamphlet, "*Lead Poisoning: How to Protect Iowa Families*" or the Federal Booklet, *"Protect Your Family From Lead in Your Home".*
- Disclose any known information concerning lead-based paint or lead-based paint hazards. The seller or landlord must also disclose information such as the location of the lead-based paint and/or lead-based paint hazards, and the condition of the painted surfaces.
- Provide any records and reports (including a copy of this inspection report) on lead-based paint and/or lead-based paint hazards which are available to the seller or landlord (for multi-unit buildings, this requirement includes records and reports concerning common areas and other units, when such information was obtained as a result of a building-wide evaluation).
- Include an attachment to the contract or lease (or language inserted in the lease itself) which includes a Lead Warning Statement and confirms that the seller or landlord has complied with all notification requirements. This attachment is to be provided in the same language used in the rest of the contract. Sellers or landlords, and agents, as well as homebuyers or tenants, must sign and date the attachment.

IOWA LAW REQUIRES that any contractor or landlord working on a residential property built prior to 1978 notify residents that lead-based paint may be disturbed by remodeling, renovation or repainting. The Iowa pamphlet, "Lead Poisoning: How to Protect Iowa Families" or the Federal, "Renovate Right" booklet is also needed for this law.

Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Thomas Newton, MPP, REHS
Director

Chester J. Culver
Governor

Patty Judge
Lt. Governor

DATE: June 2010

TO: Landlords, Property Owners, and Contractors

FROM: Joelle M. Stolte, Bureau of Lead Poisoning Prevention

RE: Rules for Pre 1978 Residential Housing:

Iowa's Pre-renovation Notification Rule (PRE),
Iowa's Lead-Safe Renovation Rule (RRP), and
The Federal Real Estate Disclosure Rule

New Requirements

House File 314 was passed by the 2009 Iowa legislature. It requires the following:

- Pre-renovation Notification now includes child-occupied facilities such as daycare centers (PRE).
- Contractors, landlords, and maintenance crews working in target housing or child-occupied facilities must be trained in and use lead-safe work practices (RRP).
- Training includes an 8-hour Lead Safe Renovator Course and 4-hour refresher every 3 years (RRP).
- "Firms" that do this work must be certified, and at least one person from each firm must be certified as a lead-safe renovator (RRP).
- Work that disturbs less than 1.0 square feet of painted surface is not required for these activities (PRE and RRP).

As of January 13th, 2010 IDPH has adopted amendments to Iowa Administrative Code 641--Chapter 69 (Renovation, Remodeling, and Repainting-Lead Hazard Notification Process) and Iowa Administrative Code 641--Chapter 70 (Lead-Based Paint Activities). The documents containing the changes direct the department to establish a program for training and certification for those who perform renovations as lead safe renovators in the state of Iowa. The documents can be viewed on the internet at: http://www.idph.state.ia.us/eh/lead_poisoning_prevention.asp#regulations.

Comments on these regulations should be sent to Rita Gergely, Lead Poisoning Prevention Program, Department of Public Health, Lucas State Office Building, Des Moines, Iowa 50319 (fax : 515-281-4529),or emailed to rgergely@idph.state.ia.us.

Iowa's Pre-Renovation Notification Rule (PRE)

Since 1999, Iowa law has required contractors to give notification by giving an approved lead hazard information pamphlet to homeowners and tenants before beginning renovation, remodeling, or repainting. The rule requires notification when more that 1.0sq ft. (cumulative) of paint is disturbed, both interior and exterior, in any residential property built before 1978. Contractors must distribute an approved lead hazard pamphlet and get a signature from owners and occupants of residence, to verify they have been informed. The intent of the rule is to ensure that families have the information they need to protect themselves.

In rental property, if the landlord hires an independent contractor to perform renovation, remodeling, or repainting, the independent contractor must perform the notification. If a landlord or the landlord's employees perform renovation, remodeling, or repainting, then the landlord must perform the notification.

The current PRE rule can be found on the internet at http://www.legis.state.ia.us/Rules/Current/iac/641iac/64169/64169.pdf.

Enforcement

The Iowa Code authorizes IDPH to impose a penalty of up to $5,000 for each violation of the notification requirement. Since 2002, the Iowa Department of Public Health (IDPH) has conducted random spot checks of contractors to monitor compliance with the rule. In July 2005, IDPH started to impose civil penalties for violations of this regulation.

Housing Covered by the Rule

This rule applies to target housing. Target housing is any housing built before 1978. The exceptions are housing for the elderly or persons with disabilities (unless a child under age 6 resides or is expected to reside in the housing) and any 0-bedroom dwelling (living area not separated from sleeping area--includes efficiencies, studio apartments, dormitory housing, etc.).

Work Covered by the Rule

This regulation applies whenever renovation, remodeling, or repainting is done in target housing and or child occupied facilities. Renovation, remodeling, or repainting means any change to an existing structure or part of a structure where painted surfaces are disturbed. This includes, but is not limited to: removing walls, ceilings, and other painted components; window replacement; floor refinishing; and sanding, scraping, stripping, water-blasting, or otherwise disturbing painted surfaces.

Work Not Covered by the Rule

This rule does not cover work that is defined as lead abatement when it is conducted by a lead abatement contractor certified by the state of Iowa. Also, if a state-certified inspector has determined the components affected by the renovation, remodeling, or repainting are free of lead-based paint, the notification does not need to be done. The regulation does not cover work that disturbs less than 1.0 square foot (approximately 12 inches by 12 inches) of paint.

Notification Requirements

- **Work done In a Single Dwelling Unit (Form 1):** You must provide written notification and the pamphlet to the homeowner and an adult occupant (If owner does not live at the property) no more than 60 days before starting works. The written notification **must** contain specific language. The homeowner and adult occupant are required to sign and date the notification. If you cannot obtain a signature, you must certify in writing that the pamphlet was delivered and describe why you could not get the signature (ex., tenant refused to answer door). If you cannot contact the homeowner or tenant, you may mail the notification and pamphlet by certified mail at least seven days before starting the work. You need to keep the receipt of the mailing with the completed notification form. If the nature, scope, or date of the work changes after the original notification, you must issue a revised notification.
- **Emergency Renovation, Remodeling, or Repainting (Form 2):** "Emergency" work is performed when an unexpected event causes a safety or public health hazard or threatens equipment or property with significant damage (i.e.: broken window, broken door, flooding, other water damage, fire, etc). You are not required to do the notification before the work is started, but you must provide the notification and pamphlet to the owner and occupants as soon as possible after beginning the work.
- **Common Areas of Multi-Family Housing (Forms 3 and 4):** If work is done in common areas (exterior, hallways, laundry room, etc.) of multi family housing, the homeowner must be notified and a signature and date must be obtained, before the work is started (form 3). You must also notify each occupant in writing of the work and make the pamphlet available upon request (Form 4). You must prepare, sign, and date a statement describing the steps taken to notify all occupants (Record of Tenant notification **form 5**). If the nature, scope, or date of the work changes after the original notification, you must issue a revised notification.
- **Vacant Property:** You are required to give notification to the homeowner even if the property is vacant.

Recordkeeping

You must keep all records for at least three years. This may include:

- Address and location where the work was done.
- Copies of signed, dated acknowledgments from tenants.
- Copies of signed, dated statements of notification for multi-family housing.
- Certifications of attempted delivery or mailing.
- Report from certified inspector for components free of lead-based paint.

A Guide to the Forms for the Pre-Renovation Notification Memo

	Form	Use	Details
	#1	Notice to owner and adult occupant for work done in a **single dwelling unit**	Owner and occupant signature required. Can mail pamphlet to the owner and occupant 7 days in advance via certified mail.
	#2	Notice to owner and adult occupant for **emergency** work done in a **dwelling unit**	No occupant or owner signature required. Give notification as soon as possible while doing emergency renovation. Option to send via certified mail as soon as possible.
	#3	Notice to **owner** for work done in **common areas** of multi-family housing	Can mail or deliver pamphlet to the owner 7 days in advance via certified mail. Owner signature required.
	#4	Notice to **occupant** for work done in **common areas** of multi-family housing	No signature required. Deliver form and make pamphlet available.
	#5	**Record** for work done in **common areas** of multi-family housing	Must be filled out and kept on record in conjunction with form #3 and/or #4. This is for the contractor's records.

Additional Information to be aware of:

The Federal Real Estate Disclosure Rule

In the fall of 1996, regulations from the Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) have required that most home buyers and renters receive known information on lead-based paint and lead-based paint hazards during sales and rentals of housing built before 1978. Buyers and renters must receive specific information on lead-based paint in the housing, as well as a copy of the pamphlet, *Lead Poisoning: How to Protect Iowa Families.* Sellers, landlords, and their agents are responsible for providing this information to the buyer or renter before the sale or lease. A sample disclosure form is located in the middle of the pamphlet.

Completion of the Form

It is extremely important that you fill out the form correctly as the EPA and HUD may consider any missing check marks, initials, signatures, and dates to be violations of the regulations.

Please be aware that the pre renovation notification rule is different than the disclosure rule.

> **The Pre Renovation Notification Rule,** Iowa law, Administrative Code 641 — Chapter 69, requires that any contractor or landlord working on residential properties built prior to 1978 must notify residents that lead-based paint disturbed by remodeling, renovation or repainting is a potential hazard.

The Disclosure Rule is a federal law that requires you to disclose any known information (providing inspection and or clearance reports) about lead-based paint when you sell or rent properties built before 1978. The U.S. Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) jointly enforces the disclosure rule.

For each rule you need to give out copies of the Iowa pamphlet ***Lead Poisoning: How to Protect Iowa Families*.** However, each rule requires a different form.

Copies of Forms and Pamphlets

Forms are available in the ***Lead Poisoning: How to Protect Iowa Families Brochure***. Both pre-renovation notification forms and the real estate disclosure forms are included in the middle of the brochure. Copies of the brochure, ***Lead Poisoning: How to Protect Iowa Families***, are free of charge and can be obtained by calling 1-800-972-2026. These forms meet all of the requirements of Iowa Administrative code 641-Chapter 69 and 70 of the administrative rules.

Iowa Department of Public Health
Promoting and Protecting the Health of Iowans

Thomas Newton, MPP, REHS
Director

Chester J. Culver
Governor

Patty Judge
Lt. Governor

DATE: March 8, 2010

TO: Licensed Real Estate Agents
Landlords
Property Managers
State and Local Housing Officials

FROM: Rita Gergely, Director
Lead Poisoning Prevention Programs

RE: **THE FINAL EPA/HUD RULE ON REAL ESTATE DISCLOSURE REGARDING LEAD-BASED PAINT (24 CFR PART 35 AND 40 CFR PART 745)**

I am writing to provide information about the final EPA/HUD rule on real estate disclosure regarding lead-based paint and Iowa's role in the implementation of this rule. If you have any questions about the enclosed information, please contact our Lead Poisoning Prevention Program at 1-800-972-2026. We will do our best to answer your questions. If we cannot answer your questions, we will get the answer or refer you to the federal agency that can best answer your questions.

SUMMARY

Since the fall of 1996, regulations from the Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) have required that most home buyers and renters receive known information on lead-based paint and lead-based paint hazards during sales and rentals of housing built before 1978. Buyers and renters must receive specific information on lead-based paint in the housing as well as a Federal pamphlet or Federally-approved state pamphlet with practical, low-cost tips on identifying and controlling lead-based paint hazards. Sellers, landlords, and their agents are responsible for providing this information to the buyer or renter before sale and lease.

WHAT IS REQUIRED

Housing Covered by the Rule

This rule applies to target housing. Target housing is any housing built prior to 1978, except housing for the elderly or persons with disabilities (unless a child under age 6 resides or is expected to reside in the housing) or any 0-bedroom dwelling (living area not separated from sleeping area--includes efficiencies, studio apartments, dormitory housing, military barracks, rentals of individual rooms in residential dwellings).

This rule applies to all transactions to sell or lease target housing, including subleases, verbal leases, and month-to-month leases, with the following exceptions:

A. Sales of target housing at foreclosure.

B. Leases of target housing where the housing has been found to be lead-based paint free. An inspection to determine that housing is "lead-based paint free" must be conducted by an inspector certified by the state of Iowa according to procedures specified in Iowa regulations.

   Sales of target housing cannot be exempted through this “lead-based paint free” inspection.

C. Short-term leases of 100 days or less where no lease renewal or extension can occur.

D. Renewals of existing leases in target housing where the required disclosure has already been completed and the lessor has no additional information regarding the existence of lead-based paint or lead-based paint hazards in the dwelling. Renewal of existing leases where this disclosure has not taken place <u>are</u> subject to this rule.

<u>Effective Dates of the Rule</u>

This rule became effective on September 6, 1996, for owners of more than four residential dwellings. This rule became effective on December 6, 1996, for owners of one to four residential dwellings.

<u>Requirements for Sale of Target Housing</u>

The only sales of target housing that are exempt are sales at foreclosure and sales of rental housing for the elderly or disabled or rental housing consisting entirely of 0-bedroom units.

For sales of target housing, the following must be completed before the purchaser is obligated under any contract to purchase target housing:

1. The seller must provide the purchaser with an EPA-approved lead hazard information pamphlet. This can be the standard EPA pamphlet, *Protect Your Family from Lead in Your Home*, or a state pamphlet approved by EPA. (Iowa is trying to get a state pamphlet approved for this purpose.)

2. The seller must disclose the presence of any known lead-based paint and/or lead-based paint hazards in the housing to the agent and to the purchaser. They must also disclose any specific knowledge that they have, such as how they know that lead-based paint is on any surfaces, the location of the lead-based paint, and the conditions of the surfaces on which it is located. The seller must disclose the existence of any available records or reports regarding lead-based paint or lead-based paint hazards to the agent. The seller must provide the purchaser with any

records or reports regarding lead-based paint or lead-based paint in the housing. This includes records and reports regarding lead-based paint or lead-based paint hazards in common areas and in other residential dwellings in multi-family housing if such information is part of a report on the overall building.

If any of the required disclosure does not occur until after the purchaser has placed an offer to buy, the seller must complete the required disclosure prior to accepting the offer and must allow the purchaser an opportunity to review the information and possibly amend the offer.

Before a purchaser is obligated under a sales contract, the seller must permit the purchaser a 10-day period to conduct a risk assessment or inspection for lead-based paint or lead-based paint hazards. The seller and purchaser can mutually agree in writing to a different time period. The purchaser may waive the opportunity to conduct a risk assessment or inspection in writing.

Each contract to sell target housing must include an attachment with each of the following items:

A. A Lead Warning Statement that is specified in the rule and shown on the enclosed sample forms.

B. A statement disclosing the Items #1 and #2 listed above.

C. A list of any records or reports regarding lead-based paint or lead-based paint in the housing that have been provided to the purchaser. If no such records or reports are available, the seller must indicate this.

D. A statement by the purchaser that they have received the lead hazard information pamphlet and the information in items B and C above.

E. A statement by the purchaser that they have had the opportunity to conduct a risk assessment or inspection or waived the opportunity.

F. When an agent is involved on behalf of the seller, a statement that the agent has informed the seller of the seller's obligations under 42 U.S.C. 4852d (Title 10 and this rule) and that the agent is aware of his/her duty to ensure compliance with the requirements of this rule.

G. The signatures of the sellers, agents, and purchasers certifying the accuracy of their statements and the dates of signature.

The agent must inform the seller of his/her obligations under this rule and either ensure that the seller complies with these rules or personally ensure compliance with these rules. If the agent has informed the seller of his/her obligations, but the seller does not disclose known lead-based paint or hazards as required to the agent, then the agent shall not be liable for the failure of the seller to disclose known lead-based paint or hazards to the purchaser.

Requirements for Leasing Target Housing

For leasing target housing, the requirements are the same as for purchasing target housing except that the lessee does not have the opportunity to conduct an inspection or risk assessment. Similarly, the contract for leasing does not need to contain the statement regarding the inspection or risk assessment.

Filling Out the Form

If you choose to use the attached sample forms that were developed by the U.S. EPA, here are some tips on filling them out correctly.

1. The seller or the lessor MUST check either (i) or (ii) under (a). If an inspection has ever been done that shows the presence of lead-based paint and/or lead-based paint hazards, you check (i) and explain briefly what was found. If an inspection has not been done, you should check (ii) to indicate that you have no knowledge of lead-based paint or lead-based paint hazards in the property.

2. Next, the seller or lessor MUST check either (i) or (ii) under (b). If you have a copy of the inspection report and provided it to the purchaser or lessee, check (i). If you do not have a copy of an inspection report (this includes the situation where an inspection has never been done), you should check (ii).

3. The purchaser or lessee must now initial both (c) and (d) to indicate that they received copies of any information listed under (a) and that they received a copy of the federal pamphlet.

4. In the case of a purchase only, the purchaser must check either (i) or (ii) under (e) to indicate that they have received the opportunity to conduct a risk assessment or inspection or that they have waived this opportunity.

5. If an agent is involved, the agent must initial under the Agent's Acknowledgment. This is item (e) on the rental form and item (f) on the purchase form.

6. At the bottom of the form, the lessor or seller, the purchaser or lessee, and all agents involved in the transaction must sign and date the form.

It is extremely important that you fill out the form correctly as the U.S. EPA may consider any missing check marks, initials, signatures, and dates to be violations of the regulations.

Record Retention

The seller, the lessor, and the agent must retain all records for at least three years from the completion date of the sale or the commencement of the leasing period, whichever is applicable.

ENFORCEMENT

This rule is being enforced in Iowa by EPA Region VII, Kansas City.

DISCLOSURE FORMS
Sample disclosure forms developed by the U.S. EPA are included in this mailing.

COPIES OF THE FINAL RULE
A copy of the final rule can be obtained by calling the National Lead Information Clearinghouse (NLIC) at (800) 424-LEAD, or TDD (800) 526-5456 for the hearing impaired.

COPIES OF THE PAMPHLET
EPA has approved the Iowa Department of Public Health (IDPH) brochure for use in complying with this rule. Call the Iowa Department of Public Health at 1-800-972-2026 to get free copies of this brochure.

You can obtain a single copy of the Federal pamphlet, Protect Your Family from Lead in Your Home, from the National Lead Information Center as shown above. Bulk copies of the pamphlet are available from the Government Printing Office (GPO) at (202) 512-1800. Refer to the complete title or GPO stock number 055-000-00507-9. The price is $26.00 for a pack of 50 copies. Alternatively, persons may reproduce the pamphlet, for use or distribution, if the text and graphics are reproduced in full. Camera-ready copies of the pamphlet are available from the National Lead Information Clearinghouse as described above.

ELECTRONIC INFORMATION
The EPA pamphlet and rule are available electronically and may be accessed through the Internet at either of the following sites:

www.epa.gov/lead/leadbase.htm
www.hud.gov/lea/leadhelp.html

Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, lessors must disclose the presence of known lead-based paint and/or lead-based paint hazards in the dwelling. Lessees must also receive a federally approved pamphlet on lead poisoning prevention.

Lessor's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) _____ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

_____

_____

(ii) _____ Lessor has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the lessor (check (i) or (ii) below):

(i) _____ Lessor has provided the lessee with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

_____

_____

(ii) _____ Lessor has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Lessee's Acknowledgment (initial)

(c) _____ Lessee has received copies of all information listed above.

(d) _____ Lessee has received the pamphlet *Protect Your Family from Lead in Your Home.*

Agent's Acknowledgment (initial)

(e) _____ Agent has informed the lessor of the lessor's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

Lessor	Date	Lessor	Date
Lessee	Date	Lessee	Date
Agent	Date	Agent	Date

Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards

Lead Warning Statement

Every purchaser of any interest in residential real property on which a residential dwelling was built prior to 1978 is notified that such property may present exposure to lead from lead-based paint that may place young children at risk of developing lead poisoning. Lead poisoning in young children may produce permanent neurological damage, including learning disabilities, reduced intelligence quotient, behavioral problems, and impaired memory. Lead poisoning also poses a particular risk to pregnant women. The seller of any interest in residential real property is required to provide the buyer with any information on lead-based paint hazards from risk assessments or inspections in the seller's possession and notify the buyer of any known lead-based paint hazards. A risk assessment or inspection for possible lead-based paint hazards is recommended prior to purchase.

Seller's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) _____ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

_____

(ii) _____ Seller has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the seller (check (i) or (ii) below):

(i) _____ Seller has provided the purchaser with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

_____

(ii) _____ Seller has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

Purchaser's Acknowledgment (initial)

(c) _____ Purchaser has received copies of all information listed above.

(d) _____ Purchaser has received the pamphlet *Protect Your Family from Lead in Your Home.*

(e) Purchaser has (check (i) or (ii) below):

(i) _____ received a 10-day opportunity (or mutually agreed upon period) to conduct a risk assess-ment or inspection for the presence of lead-based paint and/or lead-based paint hazards; or

(ii) _____ waived the opportunity to conduct a risk assessment or inspection for the presence of lead-based paint and/or lead-based paint hazards.

Agent's Acknowledgment (initial)

(f) _____ Agent has informed the seller of the seller's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

Certification of Accuracy

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

Seller	Date	Seller	Date
Purchaser	Date	Purchaser	Date
Agent	Date	Agent	Date

APPENDIX E

XRF Specifications & User Manual

Performance Characteristic Sheet

EFFECTIVE DATE: February 1, 2022

MANUFACTURER AND MODEL:

Make: ***SciAps***
Models: ***Model X-550***
X-Ray Source: ***Rhodium (Rh) or Gold (Au) Anode***

FIELD OPERATION GUIDANCE

ACTION LEVEL SETTING:

1.0 mg/cm^2

OPERATING PARAMETERS:

Timed mode: fixed 10-second reading.

Quick mode: variable-time reading (approximately 2-6 seconds).

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive) on NIST SRM 2579 (1.02 mg/cm^2)/NIST SRM 2573, or equivalent

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

Au Anode (quick) **READING DESCRIPTION**	**SUBSTRATE**	**THRESHOLD (mg/cm^2)**
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0
Rh Anode (Timed or Quick), Au Anode (Timed) **READING DESCRIPTION**	**SUBSTRATE**	**THRESHOLD (mg/cm^2)**
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	0.9 0.9 0.9 0.9 0.9 0.9

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Edition ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in February 2022, with two separate instruments of each Anode type, operated in both Timed and Quick modes.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film; for NIST SRM 2579a, use film 2573 (1.04 mg/cm^2).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this

procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

The reading time in Archive tests was 10 seconds in Timed mode and from 2-6 seconds in Quick mode, for both the Rh Anode and Au Anode.

CLASSIFICATION OF RESULTS:

XRF results for the Au Anode in Quick mode are classified as **positive** if they are **greater than or equal** to 1.0 mg/cm^2 and ***negative*** if they are ***less than*** *to* 1.0 mg/cm^2. XRF results for the Au Anode in Timed mode and for the Rh Anode in Timed or Quick mode are classified as **positive** if they are **greater than or equal** to 0.9 mg/cm^2 and ***negative*** if they are ***less than*** *to* 0.9 mg/cm^2

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to develop Performance Characteristic Sheets at the Federal standard (Action Level) of 1.0 mg/cm^2 and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

SciAps
ANALYZE YOUR WORLD

QuickStart Guide

X-550 and X-505

Handheld XRF Analyzers

CALL GEOTECH TODAY
(800) 833-7958

Geotech Environmental Equipment, Inc.
2650 East 40th Avenue • Denver, Colorado 80205
(303) 320-4764 • FAX (303) 322-7242
email: sales@geotechenv.com • website: www.geotechenv.com

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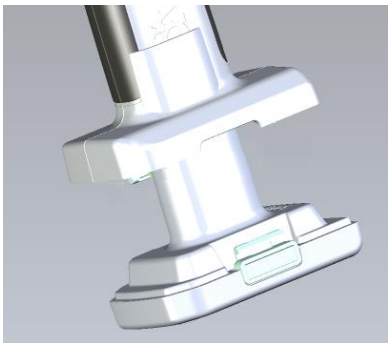
11. How to safely use SciAps XRF instruments 20

1. Powering up the unit

1.1 Inserting the battery

The X-550 is battery operated. The battery is part of the bottom of the handle.

The battery is housed in the handle and forms the bottom of the handle.



Insert the battery into the handle, until the connectors click into place.

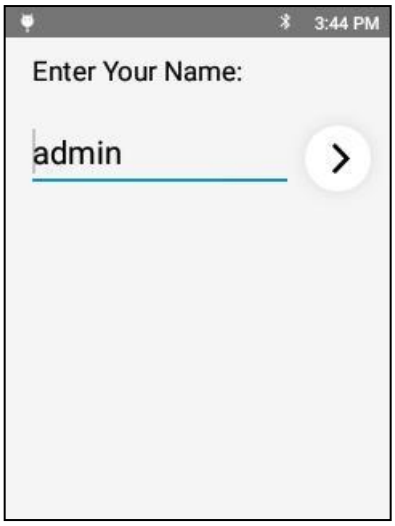
The battery is directional and keyed to only go in one way, so don't force it.

1.2 Turning on the unit

The on/off button is on the top of the unit.

Press it to turn the unit on.

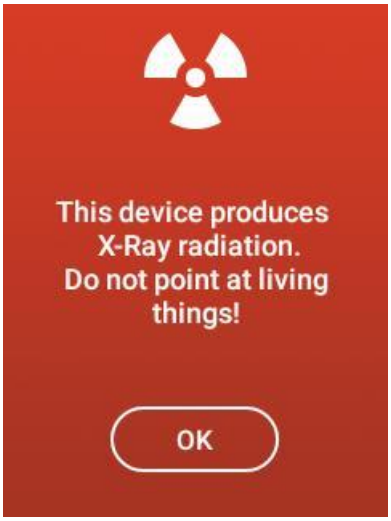
2. Logging in



The factory-set name is ***admin***.

The factory-set passcode is ***12345***.

The administrator can change this later on.



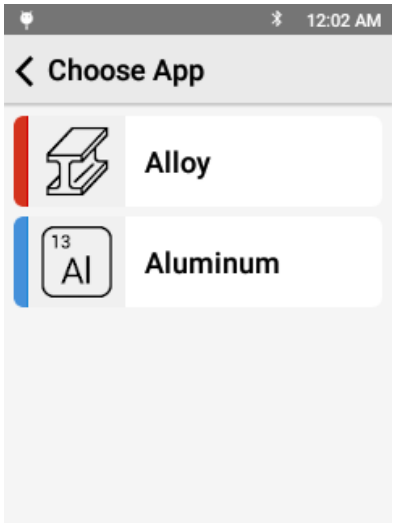
The ***X-Ray warning*** screen appears.

X-Rays can cause serious harm to people and animals!

Tapping ***OK*** on this screen means you understand that, and that you will not use this XRF unit improperly.

The Analyze screen appears.

Tap ***Analyze*** to start your first analysis of a sample.



The screen listing the applications installed on your unit will appear.

Tap the mode intended for the type of analysis you intend to do.

- *The rest of the screenshots in this QuickStart are from the Alloy App.*

3. Calibrating the unit

If this is the first time the unit is being used (or the first time the unit being used for the day), the unit will need calibrating.

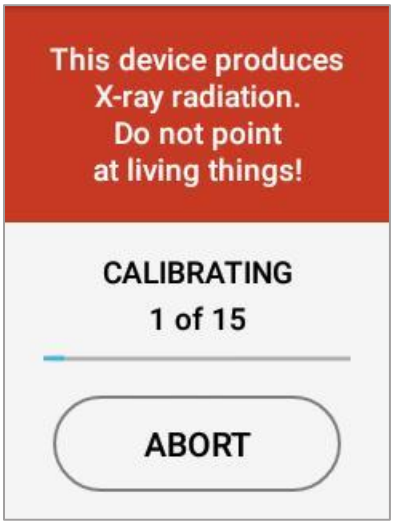
If calibration is required, the unit will automatically bring up the *Calibration window.*

Place the 316 coupon that came with the unit on the nose.

If the coupon is not available, use a clean, known 316 steel sample.

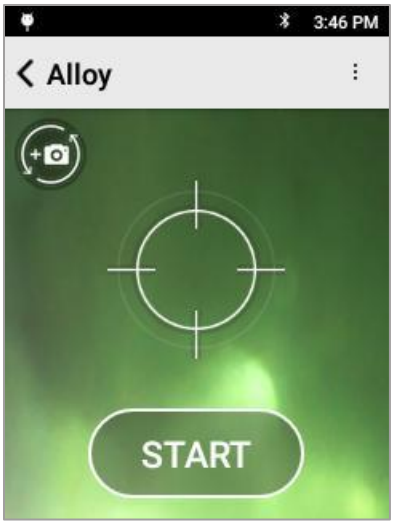
Make sure the 316 coupon completely covers the analysis window

Tap ***Calibrate*** to begin the process.



Calibration takes 15 seconds.

1 of 15 means the first second of the 15 seconds of the calibration.



When the calibration is successful, the Start screen appears.

Remove the coupon from in front of the aperture.

You can now use the instrument to test your samples.

If the calibration fails, an error message will be displayed. Confirm the piece of 316 coupon is positioned correctly in front of the window and retry the calibration.

If the calibration continues to fail, please contact SciAps technical support at +1 339-927-9455

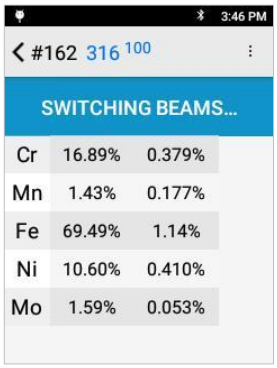
4. Taking a test

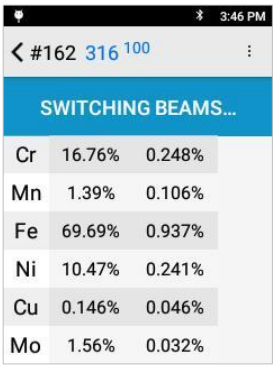
Align a sample with the window and tap ***START***.

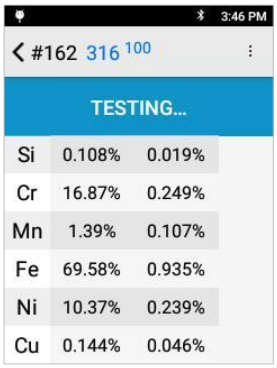
—OR—

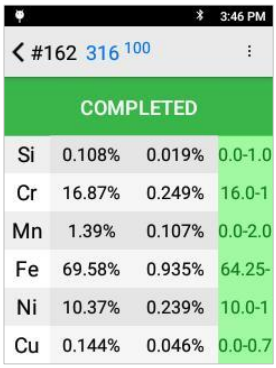
Squeeze (and release) the trigger at the top of the handle.

The test will start.





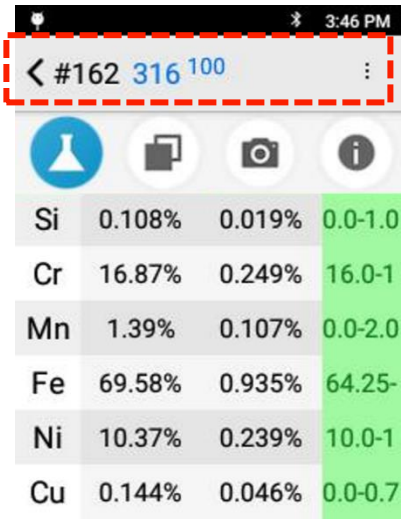




Tests report findings in real time, so as the test continues and more information is obtained, the data on the screen will be updated.

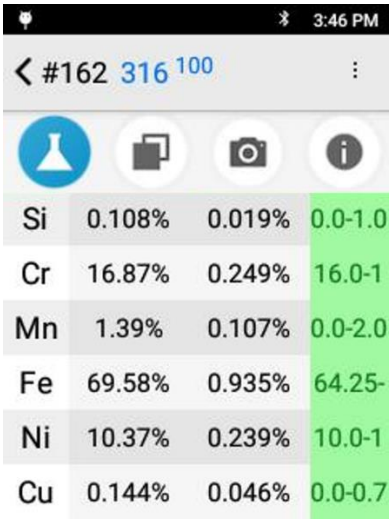
When the ***COMPLETED*** screen appears, the test is done and the final values are given.

5. Looking at Results



The top portion of the screen lists:

- Test Number
- Top Grade Match
- Grade Match Score where 100 is a perfect score meaning that all elements measured fit within the alloy grade specification.

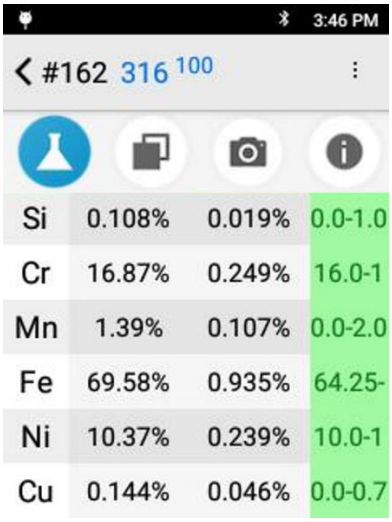


The first column on the left lists all detected elements. Scroll down to see additional elements.

The second column is the concentration of that element.

The third column is the “confidence” or “uncertainty” of the measurement.

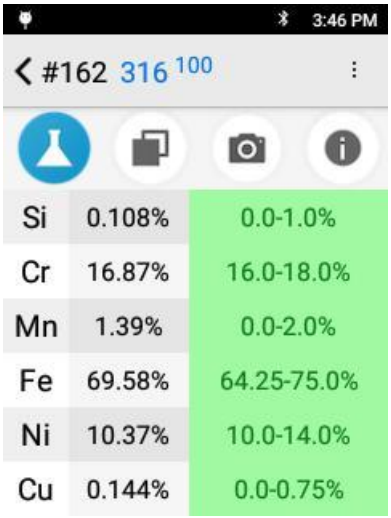
The green column on the right is the *Specifications* column.



Specifications column lists the specification of the best alloy grade match for the determined chemistry of the sample.

The grade specification will be highlighted in green if a detected element is specified in the alloy grade *and* the amount detected is within the grade’s specification.

In this example test, all elements found in the sample are in grade 316 and are within spec for that grade.

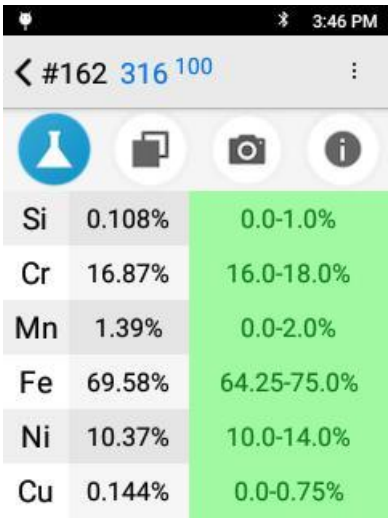


To see the complete information in the ***Specification*** column, tap it.

The column will expand, showing the range of the spec for the detected element for that grade.

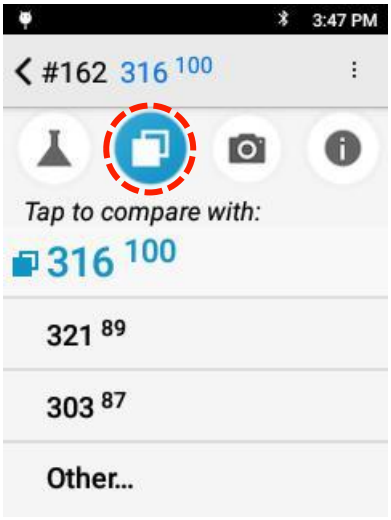
In this test, all the detected elements are both found in SS 316, and are within range for SS 316, so all the ranges are green.

6. Compare results to a different grade



The *best match* is always shown when a test completes.

You can look at other grades to see why they are not the best match.



Tap the ***Compare*** icon.

The top three (3) matches will be listed.

The superscripted numbers after the grades is the grade match score for that grade.

Tapping ***Other...*** will show you additional grades that have lower grade scores than the three listed.

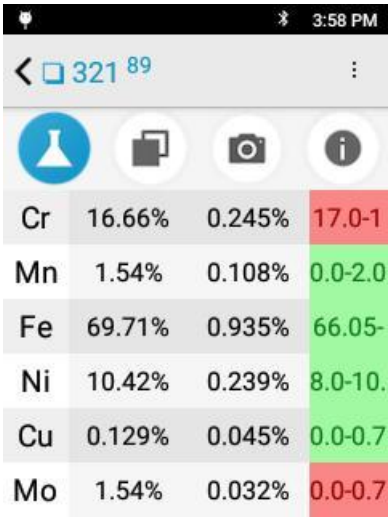
In this image, the grade match score for the top three (3) results are:

100 for 316

89 for 321

87 for 303

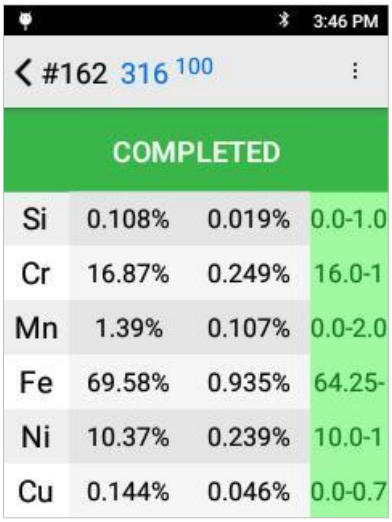
Tap on a grade listed to see why it is not the best match.



In this example, 321 was selected.

Cr and Mo are not within specification for 321.

7. Taking the next test



Taking additional tests is the same as taking the first test. You may start another test from the result screen or use the back button to return to the targeting screen

From the current result:

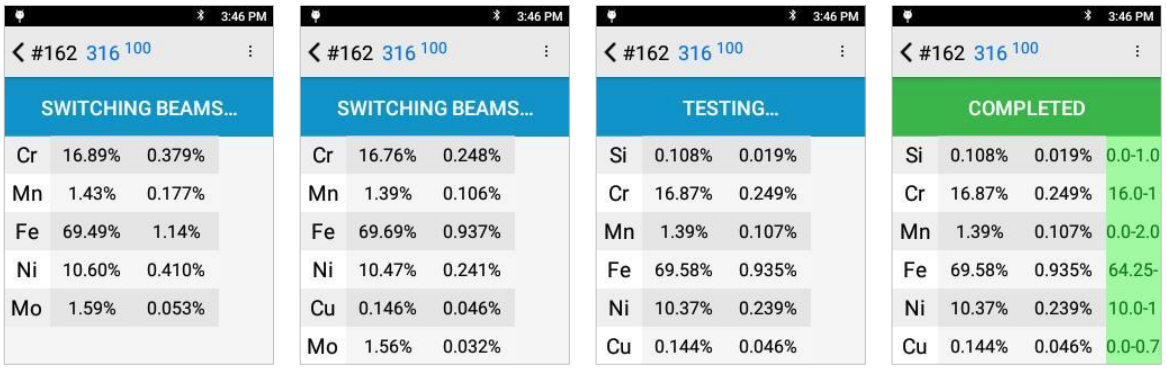
Align a sample with the window and squeeze (and release) the trigger.

OR

From the start screen, align a sample and tap START

Squeeze (and release) the trigger at the top of the handle.

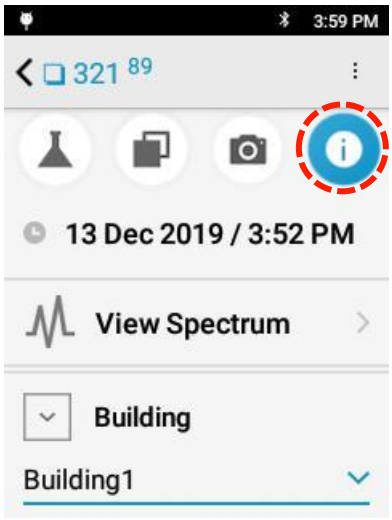
The test will start.



Tests report findings in real time, so as the test continues and more information is obtained, the data on the screen will be updated.

When the ***COMPLETED*** screen appears, the test is done and the final values are given.

8. Information about the test

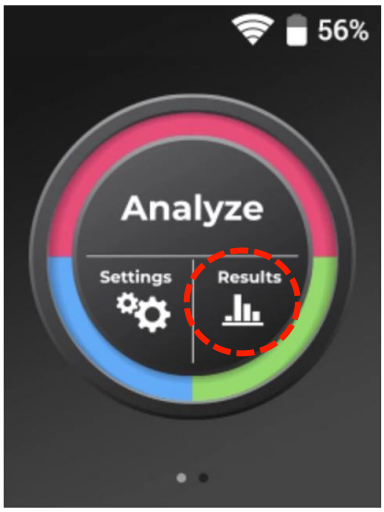


Tap the “i” icon to see the available information about the specific test.

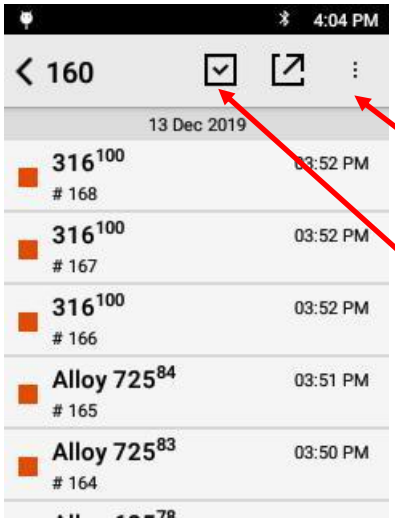
You can view

- Date and time,
- Spectrum, and
- Other user-created information of the test

9. Exporting tests



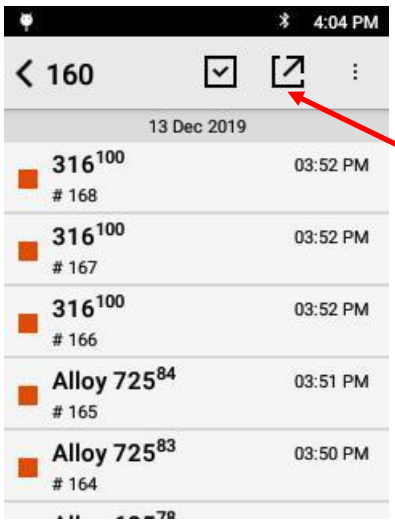
From the Home Screen, tap ***Results***



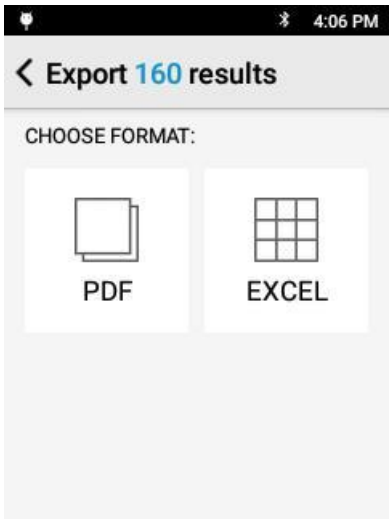
The default screen will list all of the tests taken on the instrument.

Tap the Menu button to open additional export options, including "Filter by Date" for quickly exporting a batch of results

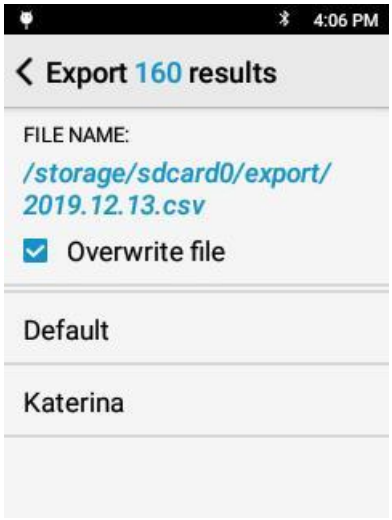
Tap the Checkbox button to individually select multiple tests for export



Tap the Export button when ready to finalize the export



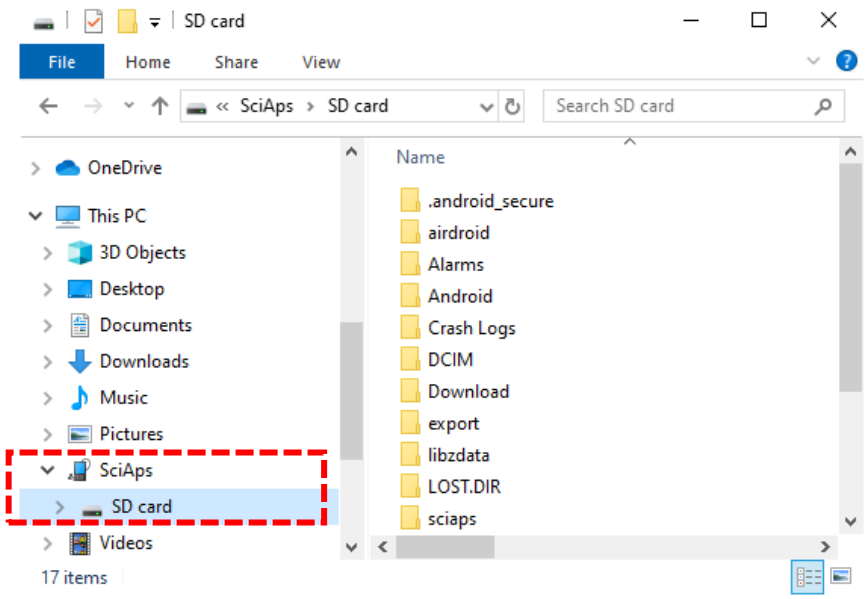
Tap to select the desired export format.



Tap the filename to change the export location or tap the template name (Default) to finish the export

The X-550 uses an embedded SD card to store the test results.

The SD Card can be accessed by connecting the analyzer to a computer using the micro-USB cable



Once connected, the analyzer's SD Card will show as a new drive from the computer's file explorer

Navigate to the export location selected at time of export (default export location is ***SD card\export***)

Drag the exported files over from the SD Card to the desktop to save copies locally on the computer

10. Turning off the Unit

Press and hold the on/off button for 2 seconds.

The *Power off* screen appears.

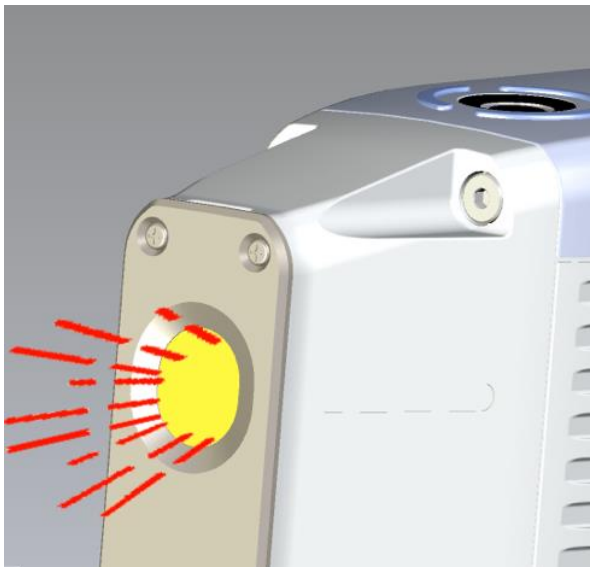
Tap *Power off*.

The unit will power off.

11. How to safely use SciAps XRF instruments

Radiation Safety is up to you.

As the owner or operator of an X-Ray tube device, you are responsible for understanding the safety requirements and state regulations for using your X-ray tube equipment.



When the X-550 is not actively testing samples, no X-rays are emitted.

When the X-550 is energized, X-rays are emitted, through the window in the nosecone.

- *X-rays are invisible to the human eye; you will not see them when they are being emitted.*

Stay safe when using handheld XRF instruments:

Best Practices for Safe Operation:

Trigger finger should be the body part closest to the analyzer window

Run tests with the XRF pointed away from other people

Pay attention to where the beam is pointed

Don't hold samples in your hand

Maintain control of the analyzer

Limit operation to trained personnel

CALL GEOTECH TODAY
(800) 833-7958
Geotech Environmental Equipment, Inc.
2650 East 40th Avenue • Denver, Colorado 80205
(303) 320-4764 • FAX (303) 322-7242
email: sales@geotechenv.com • website: www.geotechenv.com

APPENDIX F

H&S Meeting Attendance

ACM AND LBP SURVEY
ONSITE SAFETY MEETING ATTENDEES

Signature	Name (Printed)/Title	Date
Jason Drake	LBP Inspector, Cosca Drake	2/28/24
[signature]	Tyler Sundell, ACM Inspector	02/28/24

APPENDIX D

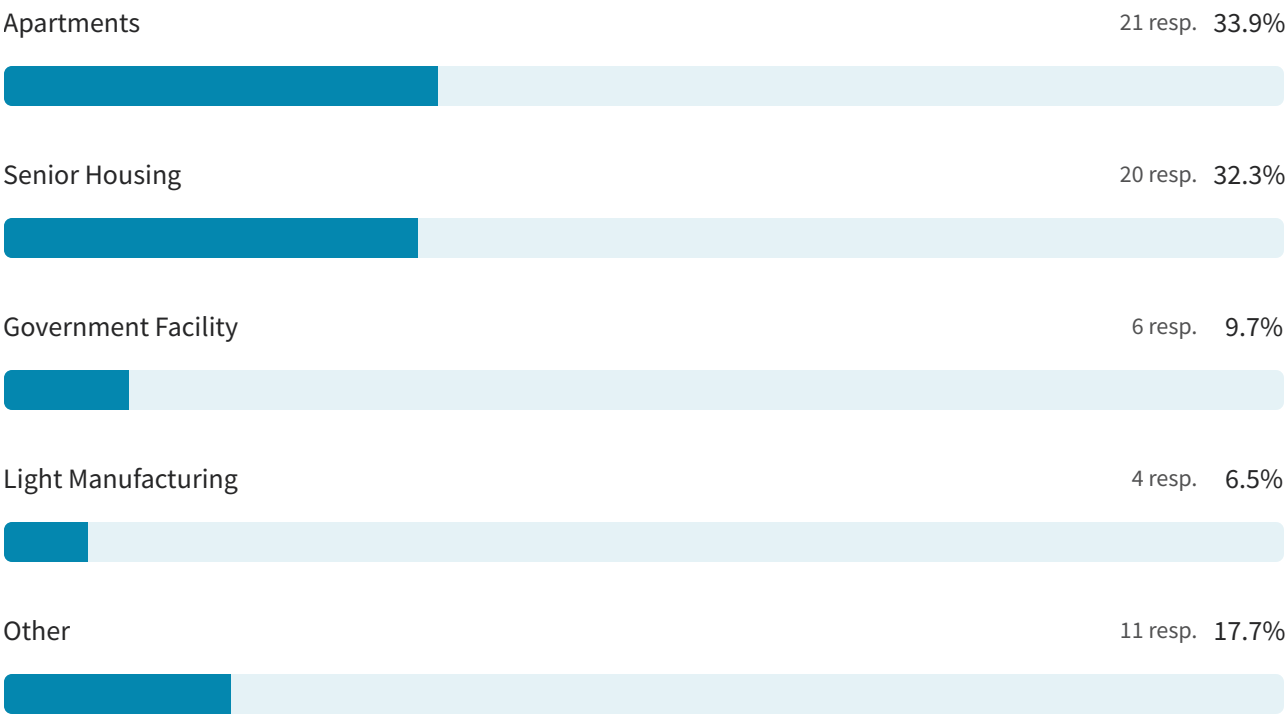
FUTURE RESUE OF THE FORMER JONES
REGIONAL MEDICAL SURVEY

104 Broadway Place Anamosa

65 responses

The Former Jones Regional Medical Center building should be...

62 out of 65 answered



The Former Jones Regional Medical Center building should be...	Please provide any additional information, comments, or questions regarding the redevelopment here.
Apartments	Housing is a problem in Anamosa. When I moved here to work in town, I struggled to find a place to rent and buying houses in Anamosa is to expensive. Condos would be great!
Senior Housing	#2 apartments, #3 childcare facility. I really like the idea of some senior housing in this footprint. It seems like it would fit nicely. If not, then my #2 vote is for apartments. I do not like the idea of tearing everything down and starting over because it seems like the property is in good shape still.
Senior Housing	
Government Facility	or senior housing. Maybe sheriff dept and county jail
Apartments	
Apartments	NOT low income
Apartments	or affordable daycare
Government Facility	or senior housing if needed. do something SOON, but don't tear it down. Move the house to a new location, in town.
Apartments	or senior housing
Senior Housing	or government facility. please do not distroy this building!
Senior Housing	mental health in Jones County! Resources for the community! or apartments
Daycare	
Housing	
Government Facility	I like the idea of residential use in concept #2. My concern is location due to the proximity of the prison. The proximity leads me towards government facility.
Apartments	residential, not low income. To accommodate current employees of prison and hospital and schools. I would like to see an organization that brings resources in purchase this, extend food access, medical, shelters, however if used for apartments make sure parking doesn't impeed access to community services at the courts annex.
Light Manufacturing	or condos for prison workers. No low income housing. Strawberry Hill apartments already attract the wrong people.
Senior Housing	or apartments. Housing need would benefit and help the community in keep or bring new people in the community. Affordable housing as well.
Wellness Center	wellness center to provide mental health resources for Jones County and surrounding areas.
Government Facility	
Senior Housing	or apartments. I believe some sort of housing would be beneficial to our community. It would be nice to make a "park" like environmental out of the landscaping.
Apartments	or government facility. Thank you for bringing this to the community. It's nice to see the ideas.
Apartments	or a government facility, large scale daycare/preschool. Thanks for sharing:)
Senior Housing	private pay drug treatment or a preschool/daycare
Government Facility	
Senior Housing	Who currently owns this property? How can we plan when we don't own it.
Gym	
Senior Housing	
Senior Housing	
Senior Housing	I would love to see medium priced apartments for middle aged to seniors priced around $$575 for a 1 bedroom and around $675 for a 2 bedroom . Maybe on the first floor could be seniors. Possibly being HUD backed for all . Each floor could have an area for little gatherings or just coffee and smiles to visit or etc .
Apartments	It is already handicapped accessible. But the cost of changing from a hospital setting to apartments may be very costly.
Senior Housing	
Temporary Housing	Will the city retain ownership if it is senior housing or apartments? Is there funding if the city retained ownership to provide services adjacent to HACAP?
Senior Housing	
Educational Facility	Why this building and not other places
Government Facility	We need a dentist that accepts medical none in jones county does or some kind of after school place for the kids to go during winter and summer to help the stay out of trouble and off drugs some kind of fun center for them
Light Manufacturing	
Apartments	Anamosa needs more affordable housing
Apartments	
Apartments	
Apartments	Who is paying for the redevelopment? Does it put money in the current owners pocket? If the current owners wanted it so bad, why are they not developing it themselves?
Apartments	
Light Manufacturing	Bring Jobs to Anamosa
Government Facility	
Youth Center	

Senior Housing	
Apartments	
Youth Outreach Center	Give teens a place to hang out safely
	This town needs something. Senior housing is my second choice. Government offices would be ok if it
Light Manufacturing	was cheaper than building some new facility to house those offices.
Apartments	People are always looking for affordable apartments
Apartments	Affordable housing, NOT low income housing, would be beneficial.
Senior Housing	
Apartments	
Senior Housing	
Senior Housing	Make it into a seri or living space or into apartments for low income families
	a facility to help the homeless get back on their feet. Low rent / community service for rent until they
Apartments	can locate work or get assistance established. Almost like a half way/transition house.
Senior Housing	
Apartments	
Senior Housing	
Senior Housing	
Apartments	
Vocational School	

The following pages are individual survey response cards completed during the open house event conducted on September 24, 2024.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other private pay drug treatment preschool/Daycare

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

-large scale daycare / preschool

Thanks for sharing :)

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Thank you for bringing this to the community. It's nice to the ideas.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

(A) Senior Housing
(B) Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

I belisve some sort of "housing" would be benefical to our community. It would be nice to make a "park" like environment out of the landscaping.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

_____

_____

_____

_____

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other Wellness Center

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Wellness Center to provide mental health resources for Jones County + surrounding areas.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Housing need would benifit + help the community ~~[illegible]~~ in keep or bring new people in the community. Afortable housing as well.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other Condos for Prison workers

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

No low income housing. Strawberry Hill apartments already attract the wrong people

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

I would like to see an organization that Brings resources in Purchase this, extend food access, Medical, Shelters. However if used for apartments make sure parking doesnt impeed Access to community services @ the courthouse Annex

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Residental - Not low income
to accomadate current employees of Prison + Hospital + schools

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

I like the idea of residential use in concept #2. My concern is location due to the proximity of the Prison. The proximity leads me towards Government facility

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. ~~Senior~~ Housing for all ages
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

_____

_____

_____

_____

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other day care - affordable —

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

_____

_____

_____

_____

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other Wellness Center

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Mental Health in Jones County!
Resources for the community!

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Please do not distroy this building!

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

_____

_____

_____

_____

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing — If Needed
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other Move the ~~Sheriff~~ SHERIFFS Dept here, also drivers license dept. Not good in Treasurer Office!!

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Do something soon, but don't tear it down.

Move the house to a new location, in town.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other affordable day care

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

NOT LOW INCOME!

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

N/A

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

(A.) Senior Housing
B. Apartments
(C.) Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Maybe - Sheriff Dept. + County Jail

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

_____

_____

_____

_____

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

A. Senior Housing #1
B. Apartments #2
C. Government Facility
D. Light Manufacturing
E. Other Childcare facility

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

I really like the idea of some senior housing in this footprint. It seems like it would fit nicely. If not, then my #2 vote is for apartments. I do not like the idea of tearing everything down + starting over because it seems like the property is in good shape still.

Please share your opinion on the redevelopment of the former Jones Regional Medical Center, located at 104 Broadway Place in Anamosa.

1 > The former Jones Regional Medical Center building should be...

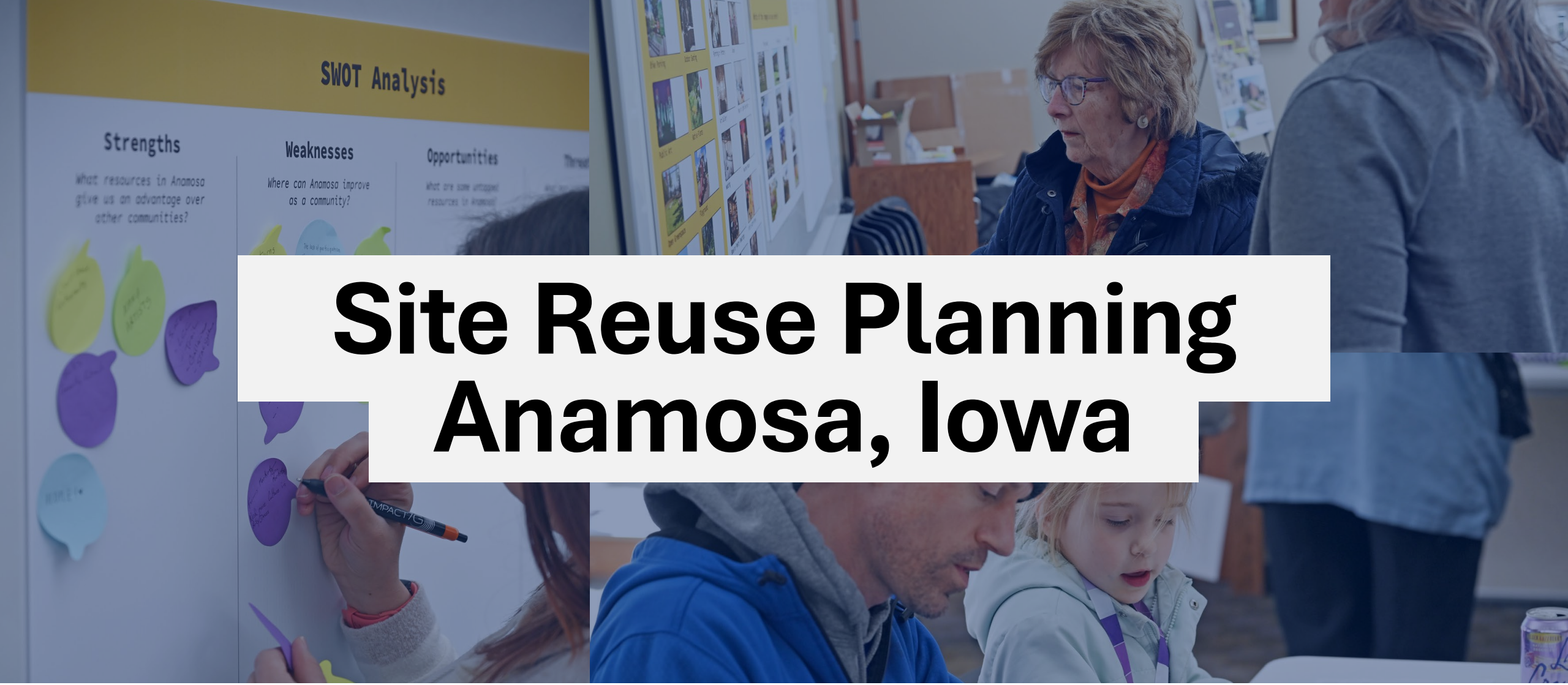
A. Senior Housing
B. Apartments
C. Government Facility
D. Light Manufacturing
E. Other _____

2 > Please provide any additional information, comments, or questions regarding the redevelopment at this property.

Hosing is a problem in Anamosa. When I moved here to work in town, I struggled to find a place to rent & buying houses in Anamosa is to expensive. Condos would be great!

APPENDIX E

PUBLIC OPEN HOUSE MATERIALS



Site Reuse Planning Anamosa, Iowa

CONFLUENCE

ECIA

Jones County Economic Development
YOUR success is OUR point!

IMPACT7G

Background & Planning Context

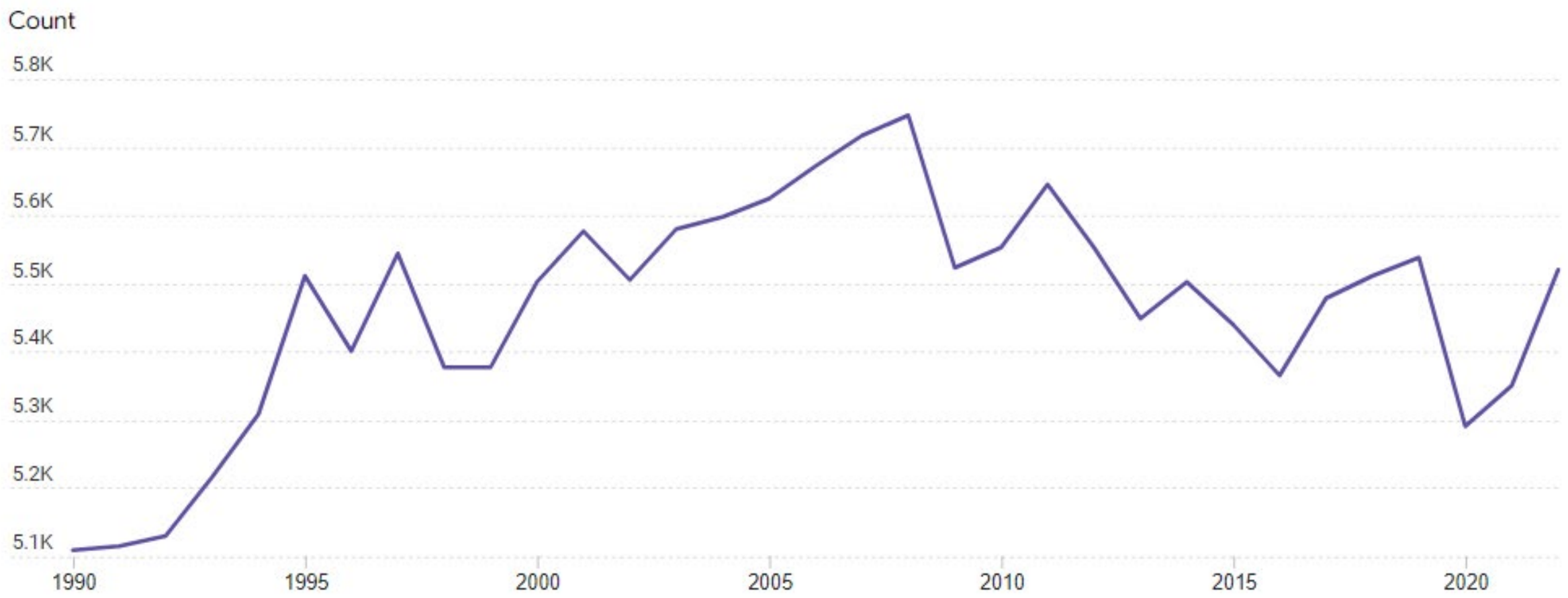
1. ECIA's Brownfield Assessment Grant
2. Former Jones Regional Medical Center
3. Other Site Reuse Planning in Anamosa

Focus Group Session Agenda

1. Introductions
2. Community SWOT Activity
3. Site-Specific SWOT Activity
4. Session Debrief

Community Profile of Anamosa, Iowa

Population Over Time



Housing Basics

- Average household size = **2.33 Persons**
- **74.1%** households are owner-occupied
- Approx. **1,917** occupied households
- Approx. **155** vacant units

Cost-Burdened Households

HUD identifies cost-burdened households as those spending 30% or more of their monthly income on housing (incudes rent + utilities).

- **23.9%** owner-occupied households
- **51.1%** renter-occupied households

Income/Earnings

- **$55,934** median household income
- **19.1%** persons in poverty
- **36.2%** of households earn more than $100,000
- **20.8%** of households earn between $50-75,000
- **43.0%** of households earn less than $50,000

Living & Working

- **315 people** live and work in town
- **1,333 people** live elsewhere and work in town
- **2,123 people** live in town and work elsewhere

Non-residents are primarily coming from Cedar Rapids, Marion, and Monticello. The same is true for residents that are commuting elsewhere.

Top Industries

- Public Administration (**25.5%**)
- Retail Trade (**19.9%**)
- Educational Services (**16.1%**)
- Health Care and Social Assistance (**10.3%**)
- Accommodation and Food Services (**8.1%**)

Community SWOT Activity

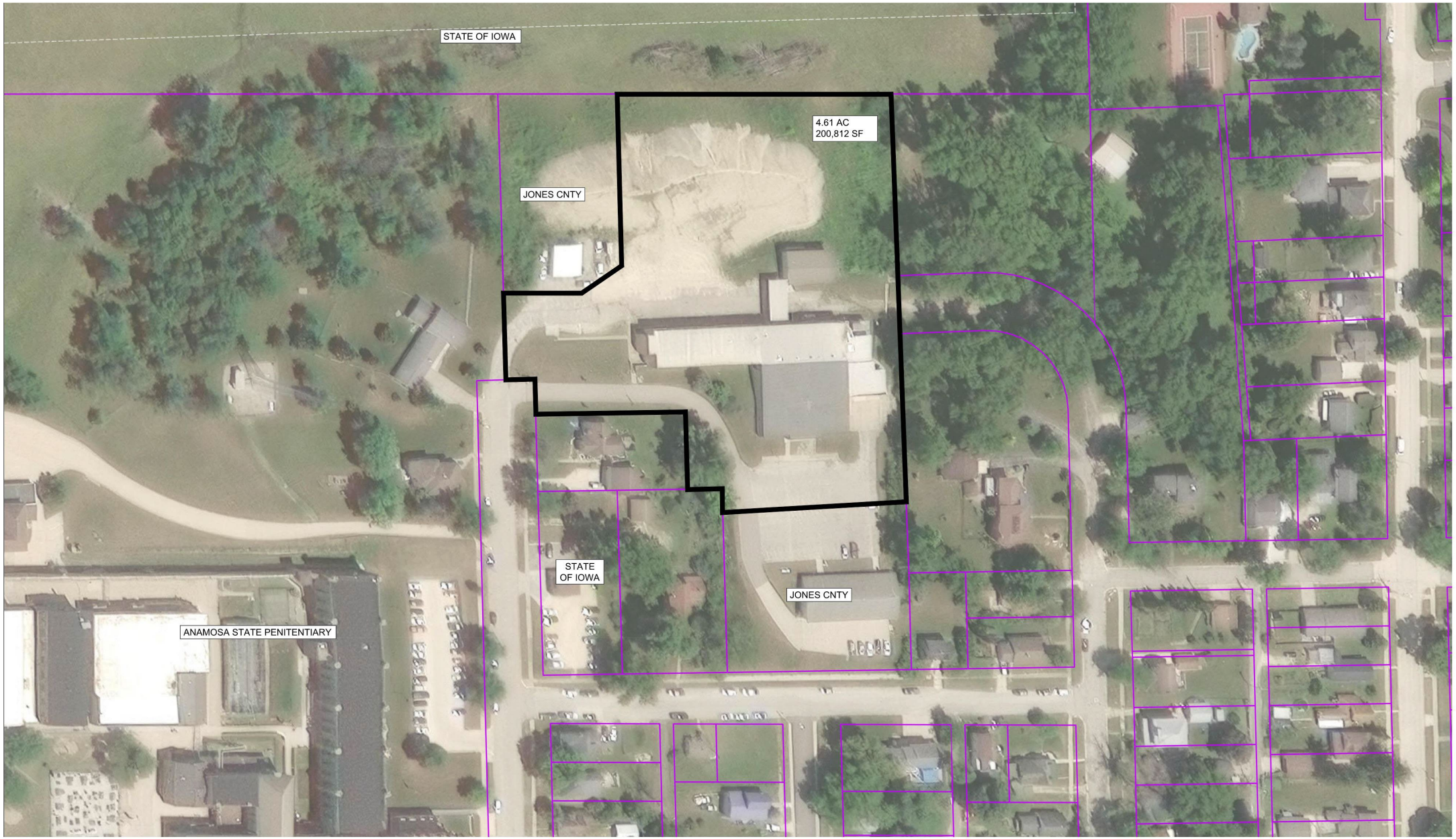
Former Jones Regional Medical Center

Property Background

1. 4.61 acre / 200,812 SF site
2. Hospital built in 1966 / House built in 1970
3. 20,251 Upper Level GSF / 11,743 Lower Level GSF (hospital), House: 1585 GSF
4. Limestone, concrete, concrete block and, steel.

Property Background

1. Exterior envelope in fair to good condition (roof not evaluated)
2. Interior has been gutted; all interior finishes removed - blank canvas



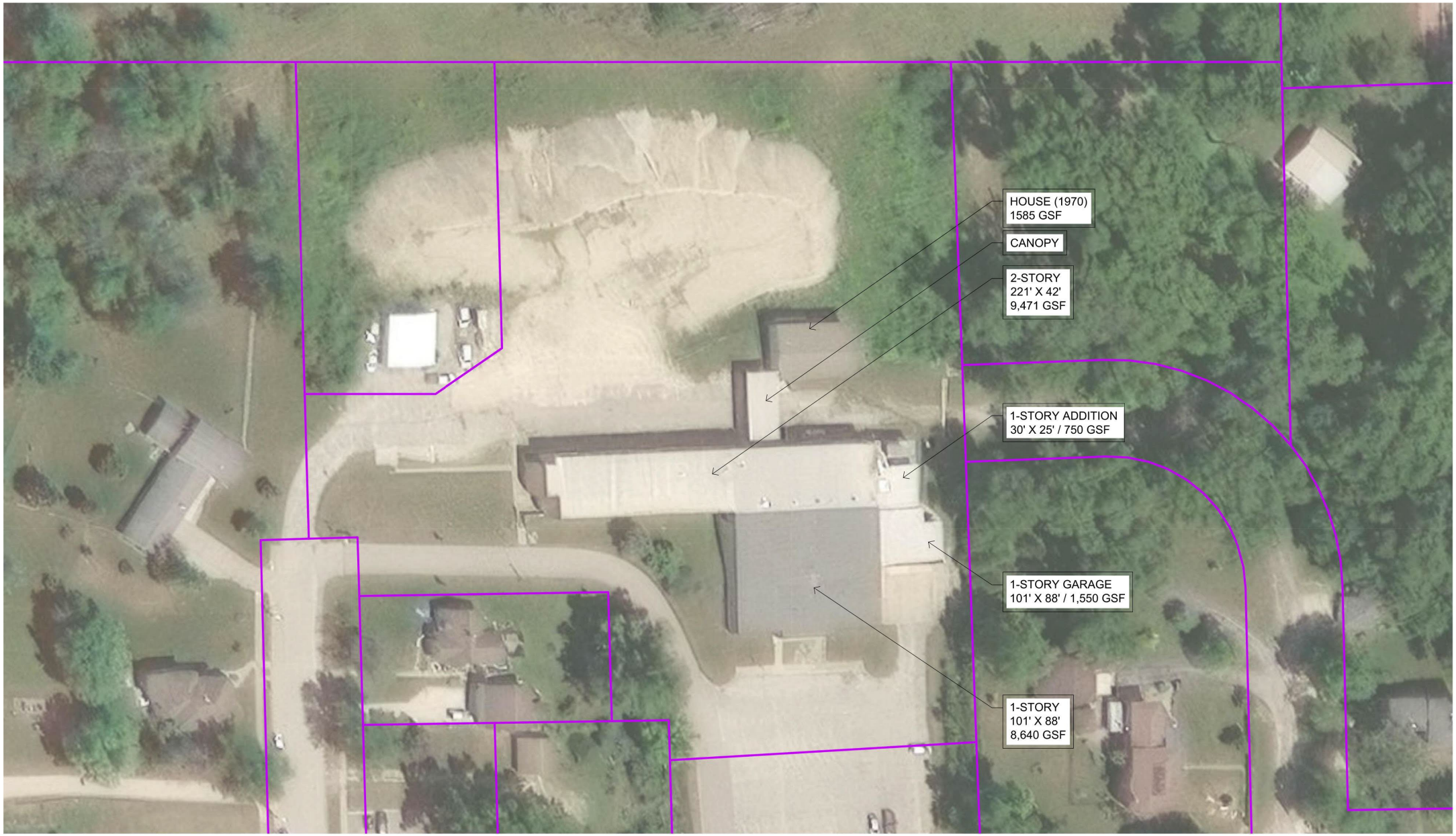
01 | SITE PLAN

SITE REUSE PLANNING PROJECT

ANAMOSA, IOWA

CONFLUENCE IMPACT7G

July 8, 2024 | 23369



01 | SITE PLAN

SITE REUSE PLANNING PROJECT

ANAMOSA, IOWA

CONFLUENCE IMPACT7G

July 8, 2024 | 23369


Confluence, Inc
Anamosa
17 May 2024, 13:44:54


Confluence, Inc.
Anamosa
17 May 2024, 13:45:38

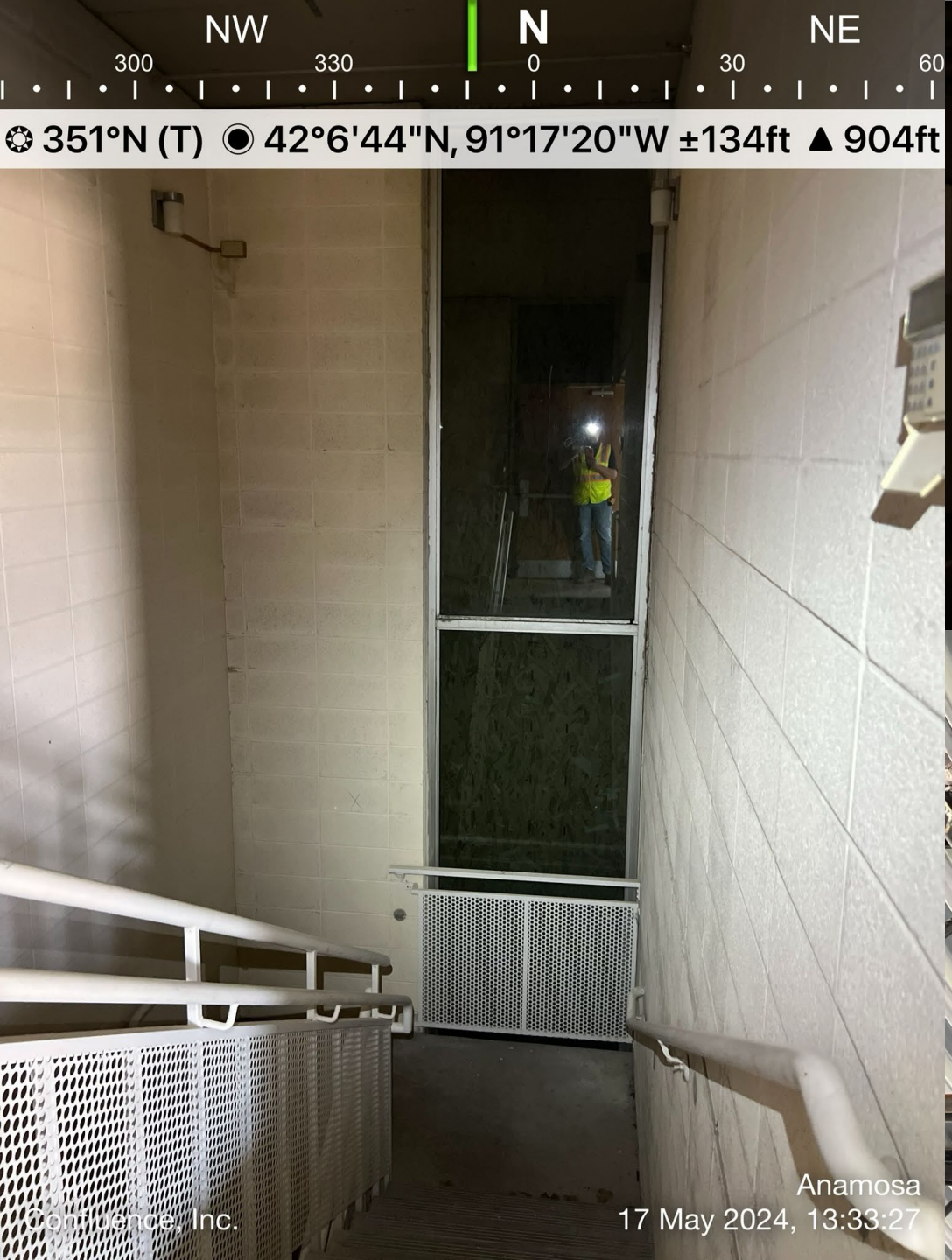

Confluence, Inc.
Anamosa
17 May 2024, 13:48:12


Confluence, Inc.
Anamosa
17 May 2024, 13:43:47


Confluence, Inc.
Anamosa
17 May 2024, 13:49:42


EMERGENCY
ENTRANCE


Anamosa


NW
N
NE
300
330
0
30
60
351°N (T)
42°6'44"N, 91°17'20"W ±134ft
904ft
Anamosa
Confluence, Inc.
17 May 2024, 13:33:27


Anamosa
Confluence, Inc.
17 May 2024, 13:38:25

Site-Specific SWOT Activity

Strengths

Anamosa Community

- Regional Location
- School District
- Outdoor Recreation
- Community Support

104 Broadway Place

- Regional Location
- School District
- Outdoor Recreation
- Community Support

Weaknesses

Anamosa Community

- Housing Variety
- Trail Infrastructure
- Weak Infill Development
- Public Communication

104 Broadway Place

- Location
- Building Footprint
- Environmental Issues
- Surrounding Land Use

Opportunities

Anamosa Community

- Housing Demand
- Rural Community
- State Park
- Community Facilities

104 Broadway Place

- Housing
- Light Industrial
- Government
- Storage

Threats

Anamosa Community

- Uncertain Funding
- Leadership Credibility
- Daycare Options
- Commercial Rent Cost

104 Broadway Place

- Proximity to Prison
- Redevelopment Costs
- Parking
- Programming Overlaps

Jones County Economic Development
YOUR success is OUR point!

Welcome.

Thanks for stopping by!

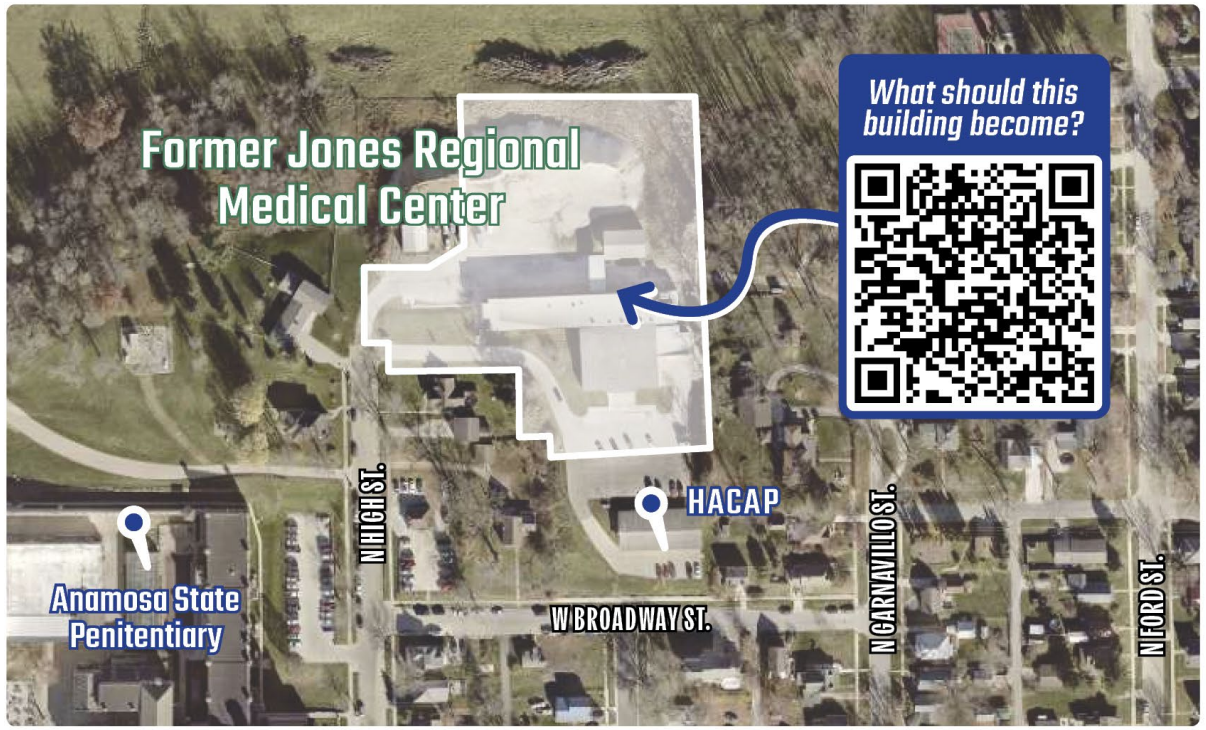
Your input will help us shape the future of the Former Jones Regional Medical Center.

CONFLUENCE

ECIA
Regional Response to Local Needs

IMPACT7G®

Future Reuse of the Former Jones Regional Medical Center



OPEN HOUSE

Jones County Economic Development and their planning partners are hosting on open house for Anamosa residents to help determine the future of the former Jones Regional Medical Center.

EVENT DETAILS

Wednesday, September 4th 2024
*at the **Lawrence Community Center***
3:30PM - 5:30PM

Free and open to the public!

Jones County Economic Development
YOUR success is OUR point!

CONFLUENCE

ECIA

IMPACT7G

Light refreshments and snacks will be served!

Please call 515-650-7045 if you need special accommodations to attend this open house.

First Name	Last name	Company	7.9.24 Stakeholder Meeting
Jeremiah	Hoyt	City of Anamosa	3:30 - 4:15pm
Penny	Lode	City of Anamosa	3:30 - 4:15pm
Kathryn	Newhall	Anamosa United Methodist Church/United Church of Monticello	1:00 - 1:45pm
Brad	Mormann	Jones County Conservation	1:00 - 1:45pm
Tami	Moore	Anamosa State Penitentiary	2:15 - 3:00pm
Paul	Conter	Anamosa State Penitentiary	2:15 - 3:00pm
Kaileen	Weaver	Jones County Tourism Association	2:15 - 3:00pm
Dirk	Downing	Tyler and Downing	2:15 - 3:00pm
Mike	Deutmeyer	Weber Stone Co	Did Not Show
Brad	Knudson	Jones County Public Health	Did Not Show
Darren	Hanna	Anamosa Community School District, Superintendent	1:00 - 1:45pm
Erin	Rush	Anamosa Library & Learning Center (City of Anamosa)	Did Not Show
Susan	Yario	Jones County VA	1:00 - 1:45pm
Blair	Lawton	Anamosa Chamber of Commerce	1:00 - 1:45pm
Aaron	Zumbach	Fidelity Bank & Trust	Invited
Jeremy	Richert	Maquoketa Valley REC	Invited
Eric	Briesemeister	Jones Regional Medical Center	Invited
Kreg	Tjemeland	Metal Design Systems	Invited
Doug	Wortman	Local Development Corporation	Invited
Derek	Lumsden	Jones County Economic Development	Invited
Kay	Smith	Anamosa City Council	Invited
Rich	Crump	Anamosa City Council	Invited
Todd	Weimer	Anamosa City Council	Invited
Leanna	Husmann	Jones County Volunteer Center	Invited
Craig	Stadtmueller	Jones Regional Education Center	Invited

OPEN HOUSE for the

Future Reuse of the Former Jones Regional Medical Center

located at 104 Broadway Place, Anamosa, IA

September 4, 2024 3:30-5:30pm

Name	Name
1. [illegible]	21. Tamy Dearborn
2. Ben Curtis	22. Kim Brooks, Media
3. Ron Stange	23. Dale Baumker
4. Patrick Alvord	24. Mike Dearborn
5. Pat Schoon	25. Jan Hoag
6. Neil Schoon	26. Dawn Hanna
7. Chris Shiers	27. May Pelan
8. Jake Fink	28. Jeremiah Hyatt
9. Derek Lumsden	29. Dawn Danielson
10. Andy McKean Charlene	30. Erin Rush
11. ~~Charlene~~ ~~George~~ George	31. Cody Schaffer + 2 kids
12. Sydny Daily	32. Tim ??
13. Val Daily	33. Claire Schaffer
14. Laura Dunny, Media	34. Jeff Vaughn
15. Beea Rohrdde	35. Dylan Schaffer
16. Brenna Eikey	36.
17. Brad Knutson	37.
18. Mike ~~Dorge~~ Duetmeyer	38.
19. Matt McQuillen	39.
20. Dick Dearborn	40.

APPENDIX F

SITE REUSE CONCEPTUAL RENDERINGS

Concept 01: Commercial / Institutional

01
03
04
06
02
05
N. HIGH STREET
W. BROADWAY STREET
N. SALES ST.
N. GARNAVILLO STREET
W. WEBSTER STREET

Plan Features

01 Remove house

02 Remove ambulance garage

03 New drive from public R.O.W.

04 New staff parking

05 New parking

06 Road improvements

Plan Narrative

This plan proposes the adaptive reuse of the former Jones County Hospital for **commercial and/or institutional use**. The existing building will be completely renovated to accommodate the end user. A new drive and parking lot to the north of the building may require improvements to N. Garnavillo St. north of the intersection at W. Webster St.

Jones County Economic Development
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0' 20' 40' 80' 160'
SCALE: 1"=40'

NORTH

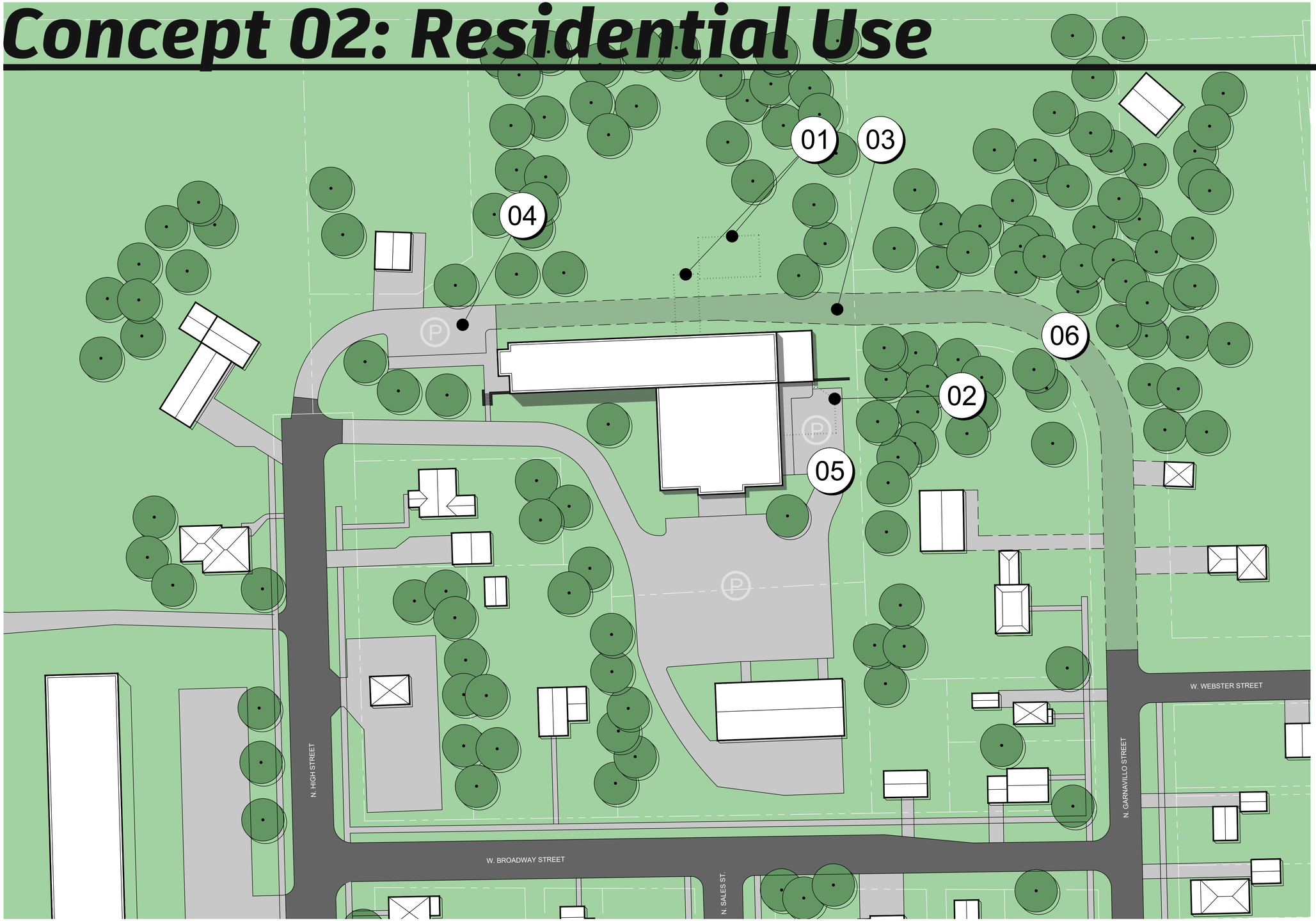
ECIA

September 04, 2024

SITE REUSE PLANNING PROJECT

ANAMOSA, IOWA

Concept 02: Residential Use



Plan Features

01 Remove house and canopy
02 Remove ambulance garage
03 Fire lane
04 New resident parking
05 New resident parking
06 Emergency access improvements

Plan Narrative

This plan proposes the adaptive reuse of the former Jones County Hospital for **residential** use. The existing building will be completely renovated to include 1-bedroom and 2-bedroom units on two floors. The large single story portion will be renovated to include resident gathering, service, and support space. Residential use could include market-rate, affordable, or shelter services.

Jones County Economic Development
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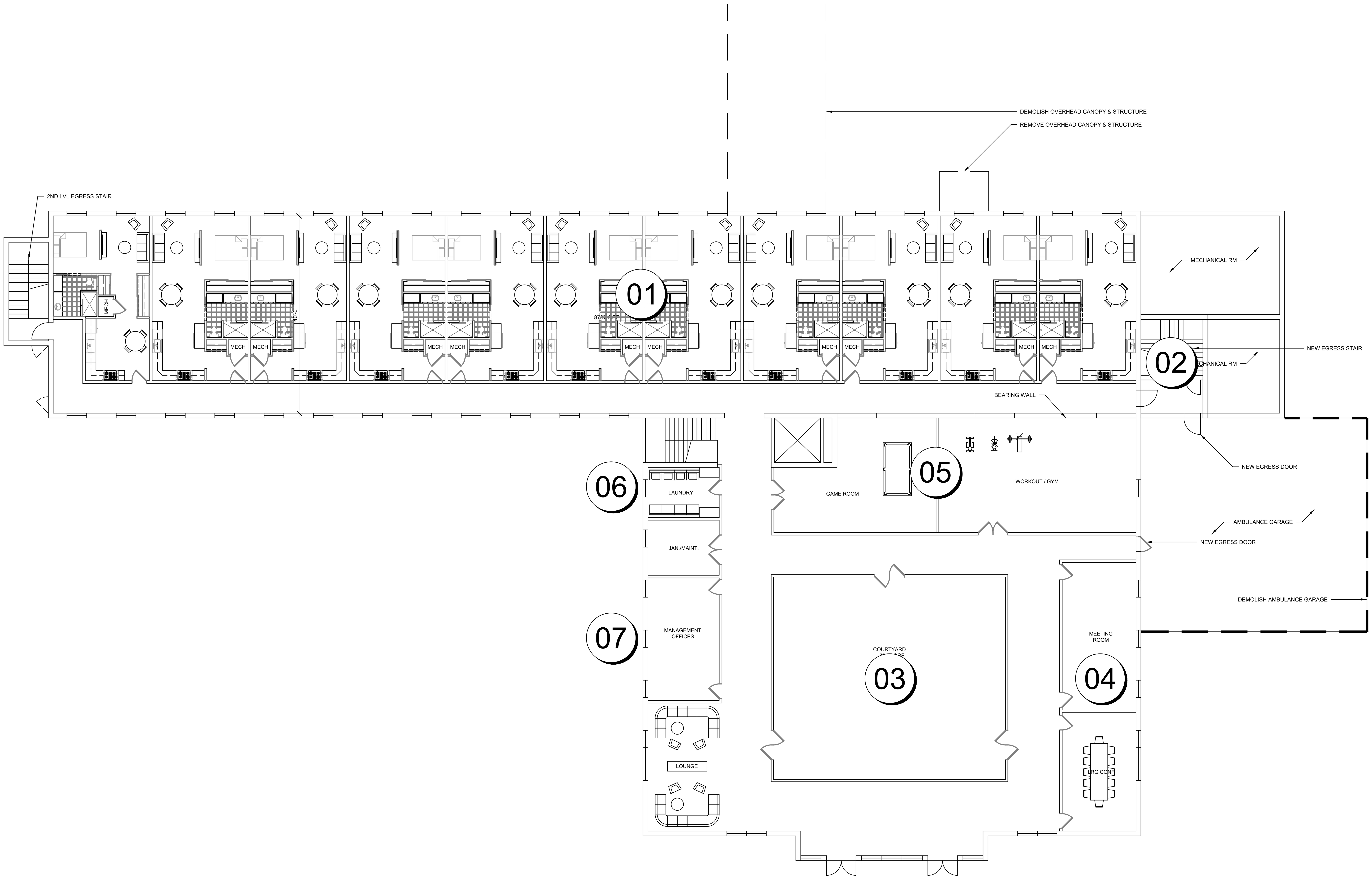
0' 20' 40' 80' 160'
SCALE: 1"=40'

NORTH

September 04, 2024
SITE REUSE PLANNING PROJECT
ANAMOSA, IOWA

Concept 02: One Bedroom Layout

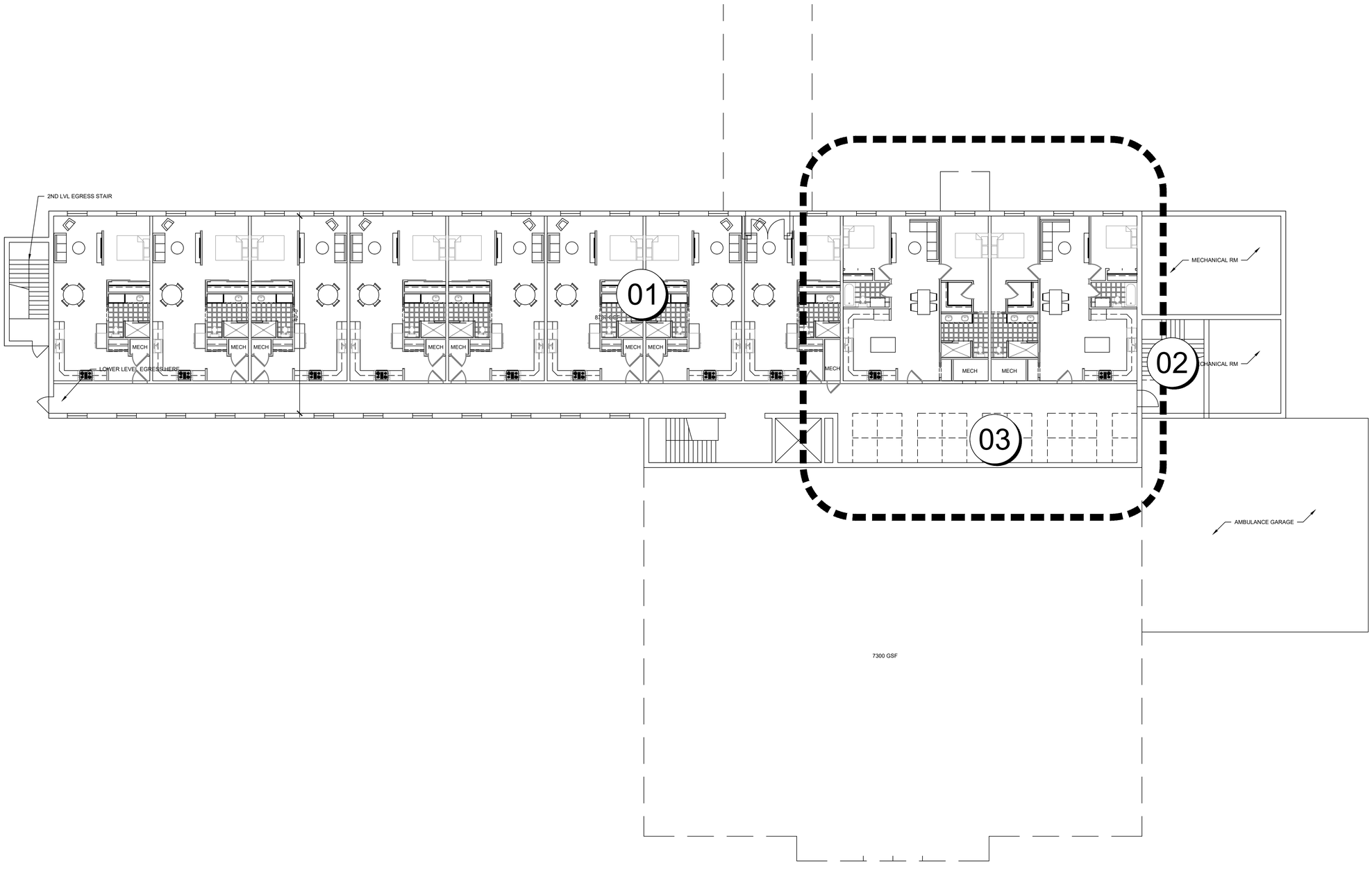


SCALE: 3/32"=1'-0"

Plan Features

- 01 (11) One Bedroom Units per floor
- 02 New egress stair
- 03 Courtyard (open-air)
- 04 Meeting rooms
- 05 Gameroom / Gym
- 06 On-site Laundry
- 07 On-site Management

Concept 02: Typical Two-Bedroom Layout



SCALE: 3/32"=1'-0"

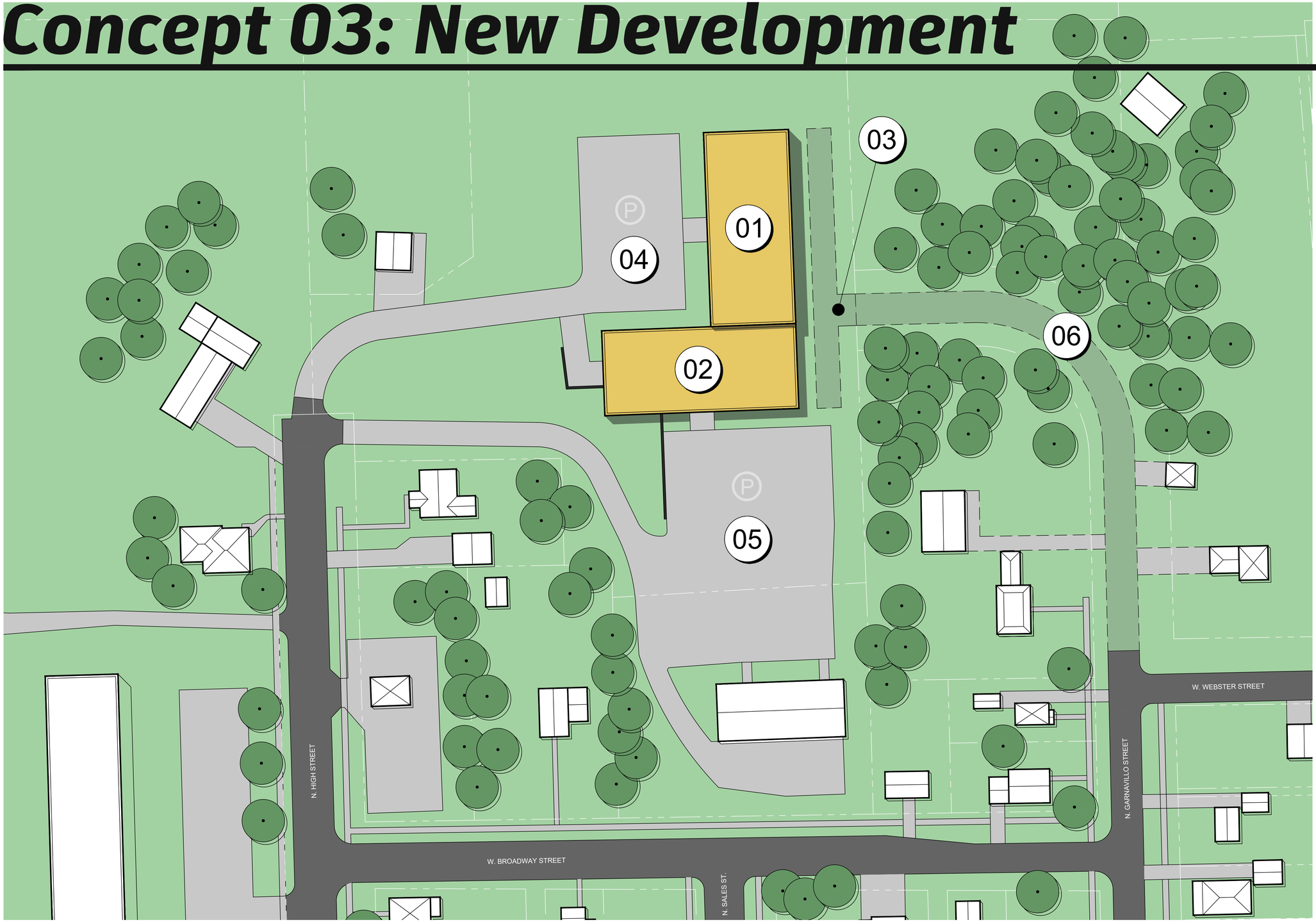
Plan Features

01 Up to (6) two-bedroom units per floor possible

02 New egress stair

03 Resident Storage

Concept 03: New Development



Plan Features

01 New building
02 New building
03 Fire lane/access
04 New parking
05 New parking
06 Emergency access improvements only

Plan Narrative

This plan proposes the complete removal of the former Jones County Hospital and preparation of the site for **new development**. Any new building should be placed to utilize existing access drives from N. High Street. New land uses could include commercial, institutional, and residential occupancies.

Jones County Economic Development
YOUR success is OUR point!

0' 20' 40' 80' 160'
SCALE: 1"=40'
NORTH

ECIA

September 04, 2024
SITE REUSE PLANNING PROJECT
ANAMOSA, IOWA

APPENDIX G

ZONING MAP

City of Anamosa, Iowa
Zoning Map

Subject Property
Zoned 3-R-2
Multi-Family Residential

Zoning Class

- A-1: Agricultural
- 8-R-1: Single Family Residential
- 2-R-2: Multi-Family Residential
- 3-R-2: Multi-Family Residential
- 4-R-2: Multi-Family Residential
- 5-R-2: Multi-Family Residential
- C-1: Central Business Commercial
- C-2: Arterial Commercial
- M-1: Light Industrial
- MH: Mobile Home

HRGreen

N

0 625 1,250 Feet

1 inch = 1,250 feet

12/18/2020

HARLEY AVE
DAVIDSON BLVD
WILSON CT
DAKOTA ST
SALES AVE
FORD ST
WILLIAMS ST
DIVISION ST
LINN ST
PLUM ST
PINE ST
WEBSTER ST
HUBER ST
SAGE ST
IOWA ST
CARROLL ST
SYCAMORE ST
PRATT ST
CEDAR ST
HIGH ST
CHERRY ST
CEDAR ST
WALNUT ST
WALNUT ST
OLD DUBUQUE RD
SADIE ST
MAQUOKETA ST
DUBUQUE ST
MAIN ST
SCOTT ST
DAVIS ST
SALES ST
GARNAVILLO ST
MILL ST
JONES ST
ELM ST
HICKORY ST
CEMETERY RD
WALWORTH AVE
FORD ST
BOOTH ST
CLEVELAND ST
1ST ST
2ND ST
3RD ST
4TH ST
5TH ST
LINN ST
OAK ST
3RD ST
HIGHWAY 151
CHAMBER DR
COUNCIL ST
BRECA RIDGE DR
DEERWOOD DR
NOAH DR
JORDAN DR
TOWER RD
HIGHWAY 64
HIGHWAY 64
KATTLYNN AVE
RIDGE RD
WOOD R