

Redevelopment Opportunity



410 W. BROADWAY • MT. PLEASANT, MICH.



410 W. Broadway is a prime shovel ready development site on the west side of Mt. Pleasant's downtown with ready access to municipal utility services. The site fronts on the Chippewa River and is located between the historic Borden Building (City Hall) and an active railroad track operated by Great Lakes Central Railroad. Adjacent to the site on the west side is the Mountain Town Station restaurant and craft brewery.

Across the river and accessible by the historic Oak Street foot bridge is Island Park, one of the City's premier park destinations. The 1.4 acre parcel is zoned C-2, which allows mixed use development and up to 75 feet of height by right. The City's expectation is for a mixed use, multi-story development using durable exterior materials in keeping with its downtown location.

A first floor commercial tenant has been identified who is committed to needing at least 7,500 square feet. There are no minimum parking requirements for this site due to its downtown location and close proximity to 195 public parking spaces.

The property is located above the 100 year flood plain. A recently completed residential target market analysis is available to assist with the justification of housing type needs and potential market rates specific to the community.

Property/Site Details

Site/Building Name	410 W. Broadway Development Parcel
Street Address	410 West Broadway
City	Mt. Pleasant
County	Isabella
Zip Code	48858
Type of Space	Vacant Land, zoned C-2 Commercial
Size	Approx. 720 ft. x 250 ft.
Total Acres	1.4 acres
Divisible	No

Availability

Featured Property	Yes
For Sale	Yes
Current Use	Vacant
Date Available	Immediately
Sale Terms	Negotiable

410 W. BROADWAY • MT. PLEASANT, MICH.



View to the East

Incentive Programs:

The City will work with interested developers to pursue appropriate incentives related to the proposed development.

Appropriate incentives could consist of Michigan Community Revitalization Program, Community Development Block Grants or a combination thereof.

Local assistance may also be available depending on the type of development and amount of investment.

Utilities	
Gas Service	Yes
Gas Provider	DTE
Electric Provider	Consumers Energy
Electric Service	Available
Voltage and Phase	Unknown
Sewer Service	Yes
Sewer Provider	City of Mt. Pleasant
Sewer Line Size	6-8 inches
Water Service	Yes
Water Provider	City of Mt. Pleasant
Water Line Size	12-inch Main



View to the North West



View to the West

Transportation	
Distance to Nearest Airport	4 Miles to Mt. Pleasant Municipal Airport
Airport Runway Length	5,000 ft.
Distance to Nearest Highway	.5 Mile to M-20
Distance to Interstate	2.3 Miles to US-127
Rail Access	No (close proximity)
Rail Spur On Site	No
Rail Line	Great Lakes Central within 400 ft.
Type of Parking	On Site and Adjacent Surface Parking
No. of Parking Spaces	195 public (free) spaces adjacent

Contact Information:

Michelle Sponseller
Downtown Development Director

City of Mt. Pleasant
320 W. Broadway
Mt. Pleasant, MI 48858

(989) 779-5348
msponseller@mt-pleasant.org

Find more information online at www.mt-pleasant.org.

City of Mt. Pleasant Accepting Development Proposals

Background

The Economic Development Corporation (EDC) of the City of Mt. Pleasant is currently accepting proposals from firms with an interest in the redevelopment the vacant parcel of property located at 410 W. Broadway (adjacent to 320 W. Broadway [City Hall]) in Mt. Pleasant known locally as “Parcel B.” This approximately 1.4 acre site is situated in the downtown area of Mt. Pleasant with frontage on the Chippewa River to the north, and Broadway Street on the south. This notice contains specific information for submitting proposals. Attached to this announcement are Conceptual Development Guidelines that outline the type of development proposal the City has expressed an interest in seeing on the parcel. The Conceptual Development Guidelines should be viewed as principles and not as absolute requirements. If there are any specific types of information or questions you have while developing your proposal, feel free to contact:

William Mrdeza
City of Mt. Pleasant
320 W. Broadway
Mt. Pleasant, MI 48858
(989) 779-5311
wmrdeza@mt-pleasant.org

The EDC will be accepting proposals for consideration and review until such time as the EDC enters into a formal agreement to develop the site. The EDC Board reserves the right to invite applicants of qualified proposals for an interview and presentation after receipt and review of the proposal by staff. It is expected that proposal presentations will be no more than 30 minutes in length, not including questions and answers. All proposals received will be evaluated equally regardless of when they are received. The EDC reserves the right to reject any and all proposals, to waive irregularities and nonconformities in proposals, to select the proposal it believes, in its sole discretion, to be in the best interest of the City, and to negotiate with one or more applicants.

The EDC Board has also reserved the right to offer a limited-time exclusive development agreement to an applicant submitting a credible proposal that has a high likelihood of being developed, but needs additional time to perform due diligence activities. Such an agreement would allow time for the firm to more fully develop their concept if necessary or perform additional due diligence activities in response to the EDC’s input prior to a final commitment being made on the proposal. In addition, the City can provide the name and contact information of a local commercial business interested in potentially relocating to this location and which needs at least 7,500 square feet of space. Please contact Mr. William Mrdeza at the number or address listed above for more information on this opportunity.

Additional Information

At a minimum, proposals should contain the following information (in no particular order):

- Total project and site investment cost
- Total square footage proposed for the project
- Projected project financial plan including project financing, pro formas, sources and uses of funds, and any anticipated City incentives to be requested (both type and amount)
- Proposed or conceptual building elevations
- Proposed overall site plan
- Proposed uses or future tenants for the project
- Projected number of jobs during construction and permanent new jobs created as a result of the project (if known)
- Anticipated number of housing units created and number of bedrooms per unit proposed
- Targeted rental rates or sale price for housing units
- Willingness to purchase the site and proposed purchase price
- Anticipated project start date and projected project time line from start of construction to project completion
- Brief background and qualifications of all principal developers and contractors expected to participate in the project

All information in proposals, if labeled as CONFIDENTIAL, will remain confidential to the extent permitted by law. A total of 15 copies of any written material should be submitted as part of the proposal packet. Should you be invited to present your proposal to the EDC Board, audio visual equipment will be made available to accommodate your presentation, if required, with adequate advance notice of your specific needs. Any questions or requests for additional information can be directed to William Mrdeza at the contact information listed above.

Parcel B Conceptual Development Guidelines

The following represents an example of the development guidelines originally envisioned for Parcel B, adjacent to and west of Mt. Pleasant's City Hall. The parcel has several prime attributes the City feels should be maximized due to the unique nature of the parcel and its potential to contribute to and benefit from a growing, vibrant downtown. These guidelines were originally developed to set parameters for the future development of this unique site as part of the Broadway Revitalization Project which included renovation of the Historic Borden Building. While the original 2006 proposal/concept was not built as envisioned, the site's proximity to downtown, the growing need for a niche residential housing market close to downtown, and its location adjacent to the Chippewa River and one of the City's premier public parks (Island Park), make it a remarkable location for the appropriate design.

Elements the City is looking to capture in any future development proposal include the following:

- A residential component close to the downtown area.
- A building (or buildings) that would be multiple stories and be of a height, mass, and appearance compatible with the Historic Borden Building next door (City Hall).
- A project that results in significant investment that generates taxable value to the City. Potential incentives available from the City will be dependent on the level of investment and resulting taxable value projected to be generated upon project completion.
- Parking on site. Developments that incorporate a lower level parking deck as part of the design (if feasible and as envisioned in the original project) would be favorably looked on. Other parking available for the site includes on-street along Broadway, the public parking lot located across the street, and spaces available in the Borden Building's public lot.
- The project should strive to bring new jobs to the community, new consumers to the area, and new residents to the downtown as opposed to relocating an existing use from elsewhere in the City.
- Mixed use developments would be preferred, especially those that capitalize on off-hours when parking at City Hall is more generally available. An example of this would be a mix of retail and residential units that typically have parking requirements during different times of the day.



35.93'
14.20'
58.78'

-15825-

62.24'
30.17'
32.70'
104.39'

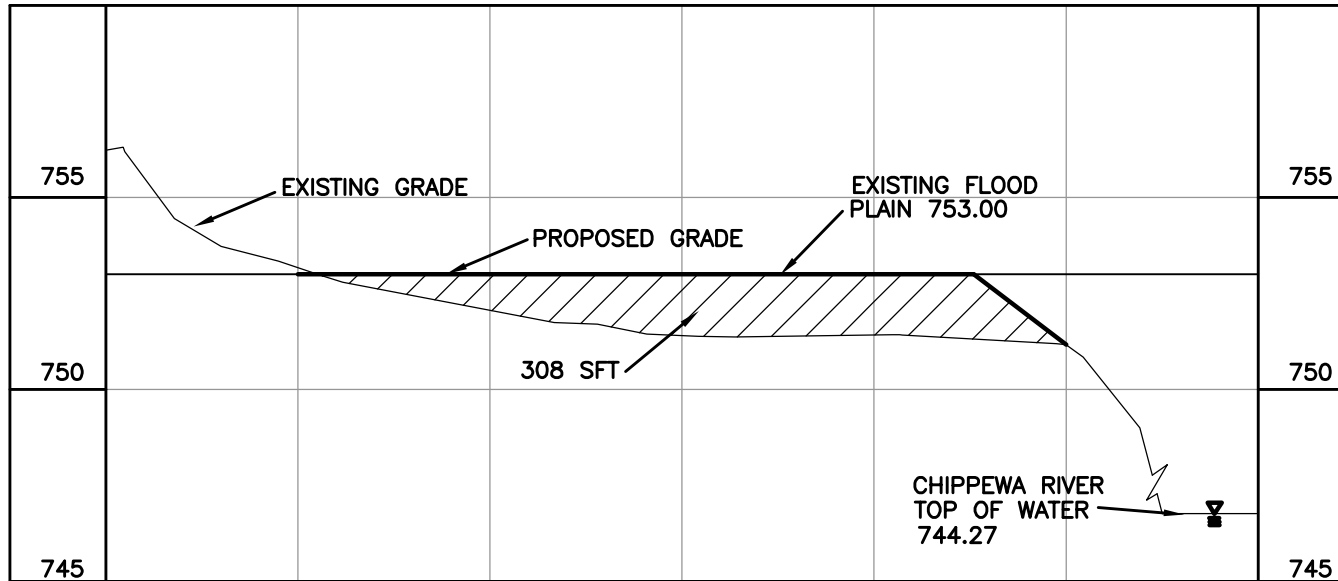
"A"

-15827-

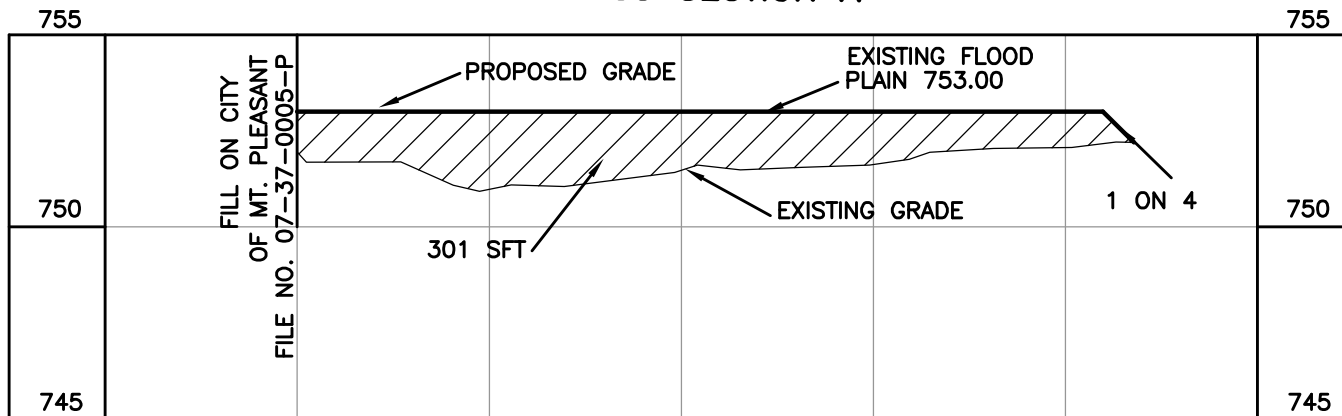


"B"

Broadway



CROSS SECTION A



CROSS SECTION B

EXISTING FLOOD PLAIN
ELEVATION 753.00

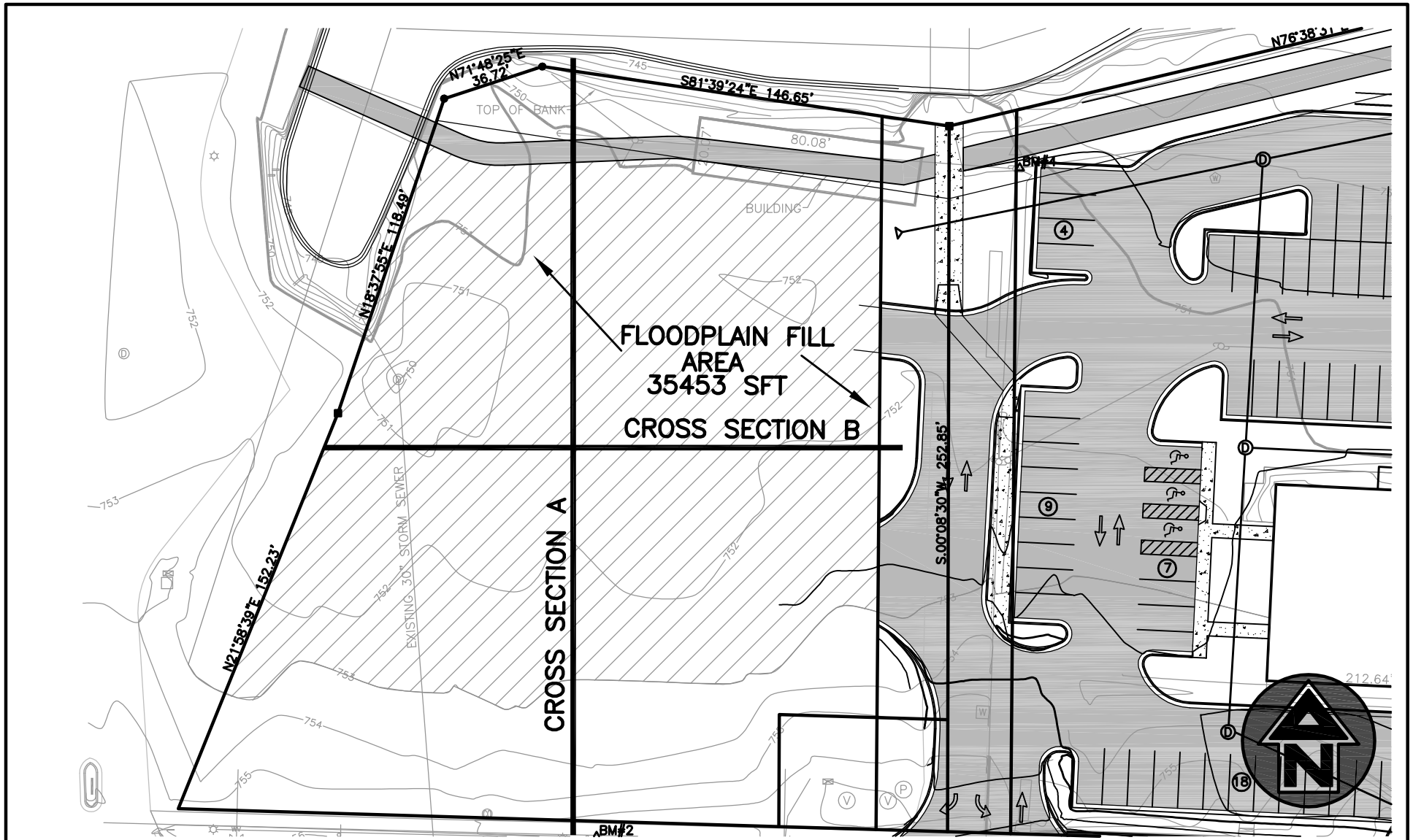


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J.E. JOHNSON CROSS SECTIONS

APPLICANT:	J.E. JOHNSON
WATERWAY:	CHIPPEWA RIVER
CITY:	MT. PLEASANT
COUNTY:	ISABELLA COUNTY
NUMBER OF SHEETS:	OF
DATE:	3/15/07



EXISTING FLOOD PLAN
ELEVATION 753.00

TOTAL FILL IN FLOOD
PLAIN = 1676 CYD



LAPHAM
ASSOCIATES

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SURVEYING

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J.E. JOHNSON CROSS SECTIONS

APPLICANT:
WATERWAY:
CITY:
COUNTY:
NUMBER OF SHEETS:
DATE:

J.E. JOHNSON
CHIPPEWA RIVER
MT. PLEASANT
ISABELLA COUNTY
OF
3/15/07



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PARCEL "B"
320 WEST BROADWAY STREET
MT. PLEASANT, MICHIGAN 48858**

prepared for

**CITY OF MT. PLEASANT
320 WEST BROADWAY STREET
MT. PLEASANT, MICHIGAN 48858**

**AKT PEERLESS PROJECT NO. 79400s-13-26
DECEMBER 19, 2012**

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Appendix D.....	Standard Environmental Record Database Report
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**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PARCEL “B”
320 WEST BROADWAY STREET
MT. PLEASANT, MICHIGAN 48858**

AKT PEERLESS PROJECT NO. 79400s-13-26

1.0 INTRODUCTION

The City of Mt. Pleasant (the Client & User) retained AKT Peerless Environmental & Energy Services (AKT Peerless) to conduct a Phase I Environmental Site Assessment (ESA) of Parcel “B” located at 320 West Broadway Street, in the City of Mt. Pleasant, Isabella County, Michigan (subject property). This Phase I ESA was conducted in accordance with: (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries [(AAI), 40 CFR Part 312] and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-05* (ASTM Standard Practice E 1527-05).

1.1 PURPOSE

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs)¹ and *historical recognized environmental conditions* (HRECs)² in connection with the subject property. Moreover, certain users of this Phase I ESA may be able to satisfy one of the environmental due diligence requirements to qualify for the bona fide prospective purchaser, contiguous landowner, or innocent landowner liability protections available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and HRECs in connection with the subject property.

1.2 SCOPE OF SERVICES

AKT Peerless’ scope-of-services is based on its Proposal Number PS-14143.1, approved by the Client on December 7, 2012, and the terms and conditions of that agreement. This Phase I ESA included the following:

¹ ASTM’s Standard Practice E 1527-05 defines the term REC as the presence or likely presence of any hazardous substance or petroleum product on a property under conditions that indicate (1) an existing release, (2) a past release, or (3) a material threat of a release of a hazardous substance or petroleum product into structures on the subject property or into the ground, groundwater, or surface water of the subject property.

² ASTM defines the term HREC as an environmental condition which in the past would have been considered an REC, but which may or may not be considered an REC currently. Neither HRECs nor RECs are intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

- An inquiry of environmental conditions by an environmental professional.
- A review of specialized knowledge reported by the Client.
- A review of public and historical records, including those maintained by federal, state, tribal, and local government agencies.
- Interviews with regulatory officials and personnel associated or knowledgeable with the subject property, including as appropriate past and present owners, or neighbors if the property is abandoned.
- A reconnaissance of the subject property and adjoining properties.

1.3 PROJECT RESOURCES

AKT Peerless referred to the following resources between December 7, 2012 and December 19, 2012 to complete its ESA:

- USEPA, Region 5
- United States Geological Survey (USGS)
- United States Department of Agriculture (USDA) Soil Conservation Service
- Michigan Department of Environmental Quality (MDEQ)
- Central Michigan District Health Department
- Mt. Pleasant Government Sources (e.g., assessing, building, fire, engineering departments, etc.)
- Environmental Data Resources, Inc. (EDR)
- Interviews and Questionnaire Responses

1.4 SIGNIFICANT ASSUMPTIONS

During this Phase I ESA, AKT Peerless made the following significant assumptions:

- AKT Peerless assumed that the information provided by EDR in the regulatory database report is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.
- AKT Peerless assumed that the information used to prepare this assessment that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives, or other secondary sources was an accurate and complete representative summary of the information possessed by those individuals, representatives, or sources.

1.5 LIMITATIONS AND EXCEPTIONS

A list of general limitations and exceptions typically encountered when completing Phase I ESAs is provided in Appendix A. Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05 and the USEPA AAI Standard, the accuracy and completeness of this report may also be limited by the following project specific facts or conditions:

- Visual observations of the subject property were limited by the presence of snow cover during the time of the inspection.

Subject to the general limitations and exceptions listed in Appendix A and the referenced terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing this assignment and preparing this report in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Should additional information become available to the Client that differs significantly from our understanding of conditions presented in this report, AKT Peerless requests that such information be forwarded immediately to our attention so that we may reassess the conclusions provided herein and amend this project's scope of services as necessary and appropriate.

1.6 SPECIAL TERMS AND CONDITIONS

To the best of AKT Peerless' knowledge, no special terms or conditions apply to the preparation of this Phase I ESA.

1.7 USER RELIANCE

AKT Peerless performed this Phase I ESA for the benefit of the City of Mt. Pleasant. AKT Peerless acknowledges that this party may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, AKT Peerless makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

2.0 USER AND/OR CLIENT PROVIDED INFORMATION

2.1 TITLE RECORDS

The Client did not provide recorded land title records to AKT Peerless.

2.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

The Client did not report any: (1) environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state, or local law; or (2) activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

2.3 KNOWLEDGE OF THE USER

With the exception of the previous environmental investigations, described in section 4.4.5, the Client did not report specialized knowledge or experience, actual knowledge, or commonly known or reasonably ascertainable information that is material to identifying RECs in connection with the subject property.

2.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Client did not report knowledge of, or reason to anticipate, a reduction in the value of the subject property for environmental issues.

2.5 REASON FOR PERFORMING THIS PHASE I ESA

According to the Client, this Phase I ESA was conducted as part of environmental due diligence related to the reacquisition the subject property.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located in the northwest ¼ of Section 15 in Mt. Pleasant (T.14 N, R.4 W), Isabella County, Michigan. The subject property is situated north of West Broadway Street. It consists of one irregularly shaped parcel that contains approximately 1.40 acres. The most recent owner of record on the assessment cards is Central Michigan Developers LLC; however, the current owner of the subject property is the City of Mt. Pleasant.

The following table presents additional information regarding the subject property.

Address	Tax Identification Number	Current Owner	Approximate Acreage
320 West Broadway Street	17-000-15827-00	City of Mt. Pleasant	1.40

Note that the subject property was formerly part of a parent parcel of land identified as 17-000-15826-00. According to the City of Mt. Pleasant, the property is zoned Central Business District (C-2).

Refer to Figure 1, Subject Property Location Map; Figure 2, Topographic Location Map; Figure 3, Parcel Map; and Figure 4, Subject Property Map. The legal description of the subject property parcel is provided in Appendix B. Photographs taken during AKT Peerless' subject property reconnaissance are provided in Appendix C.

Based on the historical resources reviewed, the subject property has been identified by or associated with the following addresses over time:

- 320 West Broadway Street (in connection with the parent parcel)
- 320 ½ West Broadway Street
- 324 West Broadway Street
- 412 West Broadway Street
- 413 West Broadway Street

3.2 SUBJECT PROPERTY AND VICINITY CHARACTERISTICS

The subject property is zoned Central Business District (C-2) and is located in an area of Mt. Pleasant that is characterized by commercial properties, a park, surface roadways, a river, municipal water, sanitary and storm sewer services, electrical and gas utilities.

3.3 DESCRIPTION OF STRUCTURES AND OTHER IMPROVEMENTS

The subject property consists primarily of vacant grass-covered land and an asphalt-covered walkway with wooden railings and a bench located on the northernmost portion of the site. The southwest corner of the site is the location of a concrete pad with meters and access points to subsurface municipal utilities. The walkway, sidewalk and bench are associated with the City of Mt. Pleasant – Island Park, more specifically, the “Riverwalk Trail Extension.”

3.4 CURRENT USE OF THE SUBJECT PROPERTY

With the exception of the Riverwalk Trail and utilities described above, the subject property currently is unused.

3.5 UTILITIES AND MUNICIPAL SERVICES

AKT Peerless identified the type and supplier of utilities provided to the subject property. These services are described in the following table:

Utility / Service	Type	Utility Company or Municipality	Comments/Historical Services
Heat	Natural gas	DTE	Natural gas is provided to the area of the subject property. A connection date could not be identified.
Municipal waste	General refuse	Private	Solid waste is not currently generated at the subject property.
Potable water	Municipal	City of Mt. Pleasant	The date of municipal water connection to the area of the subject property was approximately 1910. The site is believed to have historically used on-site water wells.
Electricity	Electric lines	Consumers Energy	Electricity is believed to have been provided to the area of the subject property since development or at least the early 1900s.
Sewage disposal	Municipal	City of Mt. Pleasant	The municipal sewer system in the area of the subject property was installed in the 1950s.
Storm water	City/County	City of Mt. Pleasant/Isabella County	The date of storm sewer installation in the area of the subject property was not determined.

Additional information regarding the referenced heat, water, and sewage utilities is presented in Section 4.4.

3.6 CURRENT USES OF THE ADJOINING PROPERTIES

The following table describes the current uses of the adjoining properties, identified occupants, and noteworthy observations of environmental concern, if any, that were noted during AKT Peerless’ recent reconnaissance of the adjoining properties.

Direction	Address	Current Use / Occupant	Potential Concerns
North	None	Chippewa River	None observed
	None	South Island Park	

Direction	Address	Current Use / Occupant	Potential Concerns
East	320 West Broadway Street	The Historic Borden Building/Mt. Pleasant City Hall	None observed
South	411 West Broadway Street	Broadway Health Services/Medical offices	None observed
West	502 West Broadway Street	Water Works Salon & Spa	None observed
	506 West Broadway Street	Mountain Town Station /Brewery & Steakhouse	None observed

Based on AKT Peerless’ visual observations, the current uses of the adjoining properties do not appear to pose a direct environmental threat to the subject property.

4.0 **RECORDS REVIEW**

The objective of the records review is to evaluate reasonably ascertainable databases, historical records, and physical setting records to help identify RECs at the subject property and, to the extent identifiable, at surrounding properties.

4.1 **PHYSICAL SETTING SOURCES**

AKT Peerless reviewed geological survey maps for geologic, hydrologic, and topographic conditions that may affect potential contaminant migration to the subject property.

4.1.1 **Topography and Area Hydrogeology**

According to the USGS’ *Topographic Map of the Mount Pleasant Quadrangle*, which was published in 1973, the subject property is situated 750 and 770 feet above the National Geodetic Vertical Datum (NGVD). The subject property’s topography appears to decline moderately to the north towards the adjacent Chippewa River.

AKT Peerless did not obtain or review reports that document actual groundwater conditions at or adjacent to the subject property except as described in previous environmental investigations. Previous subsurface investigations, discussed in Section 4.4.5, encountered groundwater approximately 2 to 4 feet below ground surface (bgs).

Typically, the water table aquifer flows toward a major drainage feature or in the same direction as the drainage basin. The Chippewa River is located adjacent to the north of the subject property. Therefore, AKT Peerless infers that groundwater beneath the subject property flows to the north.

4.1.2 **Area Geology and Soils**

According to the Michigan Department of Natural Resources (MDNR) Geological Survey Division’s *Bedrock Geology of Southern Michigan* (1987), bedrock beneath the subject property which is included in the Pottsville Series within the Pennsylvanian System of the Paleozoic Era. The depth to bedrock beneath the subject property was not readily available prior to the completion of this Phase I ESA.

According to the Michigan Geological Survey Division’s publication, *Quaternary Geology of Southern Michigan*, soils in the area are lacustrine clay and silt. These soils are described as gray to dark reddish brown and are varved in some localities. The soil chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes. Soil thickness ranges from 10 to 30 feet. Typically, lacustrine clay and silt are associated with low hydraulic permeability and restrict the movement of groundwater.

AKT Peerless did not obtain other information about the subject property’s soil during this Phase I ESA, except as described in previous environmental investigations. Previous subsurface investigations, discussed in Section 4.4.5, identified a mixture of sands, gravel, clays, and fill materials to a depth of 5 feet bgs. Shallow groundwater has been identified near surface to 2 feet bgs.

According to the USDA’s *Soil Survey of Saginaw County, Michigan* (1994), soil at the subject property is classified as belonging to the Lacustrine Sand and Gravel association, which is described as fine to medium sand, commonly including beds or lenses of small gravel. These soils occur chiefly as former beach and near-offshore littoral deposits of glacial Great Lakes and may include intercalated lacustrine clay. Soil thickness ranges from 3 to 100 feet. Typically, lacustrine sand and gravel are associated with moderate hydraulic permeability and may allow the movement of contaminants through groundwater.

4.2 STANDARD ENVIRONMENTAL RECORD SOURCES

AKT Peerless retained EDR to provide current environmental database information compiled by a variety of federal and state regulatory agencies. The purpose of obtaining this data was to evaluate potential environmental risks associated with the subject property, adjoining sites, and other sites that are: (1) identified on target lists, and (2) within varying distances of up to one mile from the subject property. AKT Peerless reviewed the following federal and state databases for such listings within the indicated search radii.

Type	Regulatory Agency Database	Approximate Minimum Search Distance
Federal	National Priority List (NPL)	1 mile
Federal	De-listed National Priority List (DNPL)	½ mile
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	½ mile
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Site List	½ mile
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Facilities List	1 mile
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Facilities List	½ mile
Federal	RCRA Generators List	Subject property and adjoining properties
Federal	Institutional Control / Engineering Control Registries*	Subject property
Federal	Environmental Response and Notification System (ERNS)	Subject property

Type	Regulatory Agency Database	Approximate Minimum Search Distance
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile
State & Tribal	Historical Landfill Site (HIST LF)	½ mile
State & Tribal	Leaking Underground Storage Tank (LUST) List	½ mile
State & Tribal	Registered Underground Storage Tank (UST) List	Subject property and adjoining properties
State & Tribal	Institutional Control / Engineering Control Registries*	Subject property
State & Tribal	Brownfield Sites	½ mile
State	Baseline Environmental Assessment (BEA) Sites	½ mile
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	Database-dependent

* Neither the USEPA nor Michigan Tribal Governments nor the State of Michigan maintains registries of sites with Institutional Controls / Engineering Controls in the subject property area.

4.2.1 Subject Property and Occupant Listings

The EDR Report does not identify the subject property or its known occupants on the referenced databases, except for the following:

- The address of 320 W. Broadway was identified on the SHWS database (facility ID# 37000143) and in the BEA database. The SHWS database (facility ID# 37000143) indicates that the property is impacted with lead pollutants as a result of “Food & Kindred Products.” The SHWS database listing indicated that further activities are anticipated. The BEA database indicated that the address is the subject of a Category “N” BEA (#818), which was completed on behalf of the Economic Development Corporation of the City of Mt. Pleasant and received by the MDEQ Saginaw/Bay district office on April 16, 2007.
- Former Borden Property/Adjoining Parcel, at 320 W. Broadway, was listed on the BEA database. According to the EDR Report three Category “N” BEAs were received by the MDEQ Saginaw/Bay district office on December 15, 2000. The BEAs were completed on behalf of Mt. Pleasant Central Business District (BEA #359), Mt. Pleasant Economic Development Corp. (BEA #360) and Brownfield Development Corp. (BEA #361).

Additional information about the presence of the subject property on the referenced database(s) is presented in Sections 4.3 and 4.4.5.

4.2.2 Adjoining and Nearby Sites

AKT Peerless’ review of the referenced databases (including those on the orphan list) also considered the potential or likelihood of contamination from adjoining and nearby sites. To

evaluate which of the adjoining and nearby sites identified in the EDR Report present an environmental risk to the subject property, AKT Peerless considered the following criteria:

- The type of database on which the site is identified.
- The topographic position of the identified site relative to the subject property.
- The direction and distance of the identified site from the subject property.
- Local soil conditions in the subject property area.
- The known or inferred groundwater flow direction in the subject property area.
- The status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property are further evaluated by reviewing MDEQ file information. Using the referenced criteria, and based upon a review of readily available information contained within the EDR Report, AKT Peerless did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the EDR Report that were judged to present a potential environmental risk to the subject property, except for the following:

Database			
Database(s):	BEA, SHWS, Indian UST, UST	Distance:	Adjoining
Name:	Former Honnegers Elevator Site; Honneger’s Grain Elevator; Honnegers & Co Inc; and Jack Dormeier	Direction:	South
Address:	411 West Broadway St., SW Corner of W. Broadway Street and S. Oak Street	Elevation:	758 feet
Section References:	Refer to Section 4.3.2	Known/Inferred Groundwater Flow Direction:	Inferred North
<p>The address of 411 West Broadway Street was identified on the BEA, SHWS, Indian UST and MDEQ UST databases. The BEA database includes facilities at which contaminant concentrations exceed MDEQ Generic Cleanup Criteria (GCC) and Screening Levels: Residential and Commercial I Criteria developed under the authority of Part 201 of the NREPA, 1994 P.A. 451, as amended. The BEA List database indicates that four Category “N” BEAs were completed for this property: (1) BEA #115 was completed on behalf of Jack Doremire and was received by the MDEQ Saginaw/Bay District office on November 24, 1997; (2) BEA #258 was completed on behalf of Brownfield Development Corporation and was received by the MDEQ Saginaw/Bay District office on November 2, 1999; (3) BEA #262 was completed on behalf of the City of Mt. Pleasant and was received by the MDEQ Saginaw/Bay District office on November 23, 1999; and (4) BEA #198 was completed on behalf of C & M Properties and was received by the MDEQ Saginaw/Bay District office on February 4, 1999. The SHWS listing (Facility ID #37000125) indicated that the site is impacted with Dibutylphthalate (DBP), lead and polychlorinated biphenyls (PCBs); the site status indicated that interim response is in progress. The Indian UST listing (Facility ID #00001217) indicated that a 3,000-gallon capacity UST was installed on March 4, 1971, and was closed on October 1, 1997. The UST listing (Facility ID #00001217) indicated that a 3,000-gallon capacity UST for the storage of diesel fuel was installed on March 4, 1971, and was removed from the ground on December 19, 1996. A release was not reported in connection with the UST.</p>			

AKT Peerless reviewed the EDR Report – Orphan List and discovered the following listings, which were determined to be connected with the above listed site:

- MI Dept/Natural Resources and En, 411 Broadway St, Mt. Pleasant, MI 48858
 - RCRA-NonGen database - beginning operations on February 13, 1998
 - A RCRA-NonGen no longer generates waste
 - No violations or releases were listed
- Honnigers Elevator, Corner of Broadway and Oak Street, Mt. Pleasant MI 48858
 - Facility Index System (FINDS)
 - Specific information not available within this database

Database			
Database(s):	BEA, RCRA-CESQG	Distance:	199 feet
Name:	Former Central Collision & Central Collision	Direction:	SE
Address:	109 Oak Street	Elevation:	765 feet
Section References:	Refer to Section 4.3.2	Known/Inferred Groundwater Flow Direction:	Inferred North
<p>The address of 109 Oak Street was identified on the BEA and RCRA-conditionally exempt small quantity generator (CESQG) databases. The BEA List database indicates that a Category “N” BEA (#224) was completed on behalf of Michigan Building, Inc. and was received by the MDEQ Saginaw/Bay District office on May 24, 1999. The RCRA-CESQG listing does not list any reported violations. A CESQG generates 100 kg or less of hazardous waste per calendar month and accumulates 1,000 kg or less of hazardous waste at any time.</p>			

AKT Peerless reviewed the EDR Report – Orphan List and discovered the following listings, which were determined to be located within close proximity to the subject property:

Orphan Site			
Database(s):	BEA	Distance:	Adjacent
Name:	0.15 Acre Portion of Parcel 17-000-15824-00	Direction:	NW
Address:	West Broadway Street	Elevation:	NA
Section References:	Refer to Section 4.3.2	Known/Inferred Groundwater Flow Direction:	Inferred North
<p>This Orphan Site was identified on the BEA database. The BEA List database indicates that a Category “N” BEA (#894) was completed on behalf of Economic Development Corporation of the City of Mt. Pleasant and was received by the MDEQ Saginaw/Bay District office on May 21, 2008.</p>			

Orphan Site			
Database(s):	BEA	Distance:	100 feet
Name:	Parcel 17-000-15823-00	Direction:	NW
Address:	West Broadway Street	Elevation:	NA
Section References:	Refer to Section 4.3.2	Known/Inferred Groundwater Flow Direction:	Inferred North
This Orphan Site was identified on the BEA database. The BEA List database indicates that a Category “N” BEA (#893) was completed on behalf of Holton Investments, LLC and was received by the MDEQ Saginaw/Bay District office on May 19, 2008.			

4.3 ENVIRONMENTAL RECORD SOURCES

4.3.1 MDEQ Resource Management Division (RMD) Records

AKT Peerless contacted the MDEQ RMD to review available records regarding waste management activities, permits, inspections and violations associated with the subject property. At the time of the completion of this report, AKT Peerless did not receive a response from the MDEQ RMD regarding the subject property. AKT Peerless also reviewed the MDEQ Waste Data System (WDS) database and did not discover any records regarding the subject property, parent parcel or adjacent properties.

4.3.2 MDEQ Remediation and Redevelopment Division (RRD) Records

Subject Property:

AKT Peerless reviewed the MDEQ-RRD Cost Recovery Unit’s Perfected Lien List, dated October 2, 2012, to determine if environmental cleanup liens had been filed against the subject property. According to information provided, the MDEQ does not have record of environmental cleanup liens filed against the subject property. AKT Peerless reviewed the MDEQ Storage Tank Information Database and did not discover any active or closed status records regarding the subject property.

AKT Peerless contacted the MDEQ-RRD Saginaw/Bay District Office to review available records regarding environmental information, registered USTs or LUSTs associated with the subject property and/or the parent parcel. The MDEQ-RRD responded to the information request and indicated that file information was discovered regarding the subject property’s parent parcel and nearby sites (individually discussed in Section 4.2.2). The following reports and/or information was reviewed and determined to be associated with the subject property portion of the parent parcel:

- BEA, prepared in November, 2000, by Peerless Environmental on behalf of Brownfield Development Corporation, Mt. Pleasant Central Business District Tax Increment Financing Authority, and the Mt. Pleasant Economic Development Corporation
- Remedial Action Plan, Cost Estimate, prepared in July 1992, by TMI Environmental Services

- Phase II ESA, prepared in May 1992, by TMI Environmental Services, on behalf of Mr. Frank Hutto
- Phase I ESA, prepared in March 1992, by TMI Environmental Services, on behalf of Mr. Frank Hutto
- Several other current and historical documents including, site plans, drawings, newspaper articles, correspondence, and site history summaries

The previous environmental reports are summarized in Section 4.4.5.

Adjoining and/or Nearby Properties:

AKT Peerless contacted the MDEQ-RRD Saginaw/Bay District Office to review available records regarding environmental information, registered USTs and LUSTs associated with the adjoining and/or nearby properties. The following information was obtained from reviews of the filed reports:

411 West Broadway St., SW Corner of W. Broadway Street and S. Oak Street

The BEAs indicated that the site formerly operated for flour milling and animal feed manufacturing. One diesel UST was removed from the site in 1997. Subsurface investigations identified several metals and semi-volatile compounds in soil at the site, above the generic residential cleanup criteria. Part 201, as amended, provides for the identification, risk assessment, evaluation and cleanup of sites of environmental contamination in the State. The SHWS site status is based on the contamination identified within the BEAs. Based on the known impact, close proximity, and inferred up-gradient location, the site represents an off-site REC to the subject property.

109 Oak Street

The BEA indicated that the site formerly operated as an automotive repair facility. File information indicated that the site was impacted with lead concentrations above (previous) residential GCC; however, the lead concentrations are below current residential GCC. The facility determination was based on a limited investigation of the site (one soil sample). Based on the known impact, close proximity, additional potential impacts not identified, and inferred up-gradient location; the site represents an off-site REC to the subject property.

West Broadway Street, 0.15 Acre Portion of Parcel 17-000-15824-00

The BEA indicated that the site was the historical location of a railroad line crossing and a mill race. Site observations noted the presence of coal and foundry slag materials at various locations across the site. File information indicated that the site's soils are impacted with arsenic, chromium, selenium, naphthalene, 1,2,3-TMB and 1,2,4-TMB at concentrations exceeding residential GCC. The analytical data, sampling locations and site observation details are included on the attached Figure 4 (Subject Property Map) of this ESA. Based on the known impact and adjacent proximity, the site represents an off-site REC to the subject property.

West Broadway Street, Parcel 17-000-15823-00

The BEA indicated that the site was the historical location of a lumber yard and railroad tracks/spurs, site observations noted the presence of coal and foundry slag materials across the site. File information indicated that the site's shallow (1.0'-1.5') soils are impacted with arsenic, chromium and selenium at concentrations exceeding residential GCC. Based on the known impact and close proximity, the site represents an off-site REC to the subject property.

4.4 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

4.4.1 Local Health Department

The Central Michigan District Health Department indicated that they do not have records pertaining to 320 West Broadway Street, Mt. Pleasant, Michigan. According to personnel, the subject property area is serviced by a public water supply and storm water sewer. Personnel were not aware of any environmental concerns associated with the subject property.

4.4.2 Local Fire Department

A Freedom of Information Act (FOIA) request was submitted to the City of Mt. Pleasant Fire Department regarding potential environmental concerns at the subject property. The City of Mt. Pleasant Fire Department informed AKT Peerless that no files were discovered regarding the subject property. Personnel did not indicate any additionally significant information or personal knowledge regarding the subject property.

4.4.3 Water & Sewage Utility Provider

The City of Mt. Pleasant provides water and sewer services to the area of the subject property. The Mt. Pleasant Engineering Department indicated that water services were installed in the subject property area, along West Broadway in the early 1900s and sewer services have been available since the late 1910s/1920s. Mt. Pleasant Engineering Department personnel indicated that the parent property (former Borden Factory) had historically used on-site water wells and discharged water to the proximate Chippewa River.

4.4.4 Natural Gas Provider

DTE is the natural gas provider for the area of the subject property. No information regarding natural gas connection dates was available from DTE.

4.4.5 Previous Environmental Reports

AKT Peerless was not provided with copies of reports that document previous investigations or assessments of the subject property, nor did AKT Peerless identify the existence of such documents during this assessment except as follows (locations of the reports are indicated within parenthesis):

- Phase I ESA, prepared in March 1992, by TMI Environmental Services, on behalf of Mr. Frank Hutto (MDEQ file)
- Phase II ESA, prepared in May 1992, by TMI Environmental Services, on behalf of Mr. Frank Hutto (MDEQ file)

- BEA, prepared in November, 2000, by Peerless Environmental on behalf of Brownfield Development Corporation, Mt. Pleasant Central Business District Tax Increment Financing Authority, and the Mt. Pleasant Economic Development Corporation . (AKT Peerless and MDEQ files)
- BEA, prepared in November 2007, by AKT Peerless Environmental on behalf of the James E. Johnson; Riverplace on Broadway, LLC and Central Michigan Developers, LLC. (AKT Peerless file)
- Several other current and historical documents including, site plans, drawings, newspaper articles, correspondence, and site history summaries (AKT Peerless and MDEQ files)

Phase I ESA, TMI Environmental, March 1992

The Phase I ESA was completed on the Borden site (parent parcel) and included the subject property portion of the parent parcel. The following potential threats of environmental contamination to the subject property were identified:

- Potential impacts resulting from the historical location of the Ann Arbor Railroad tracks on the subject property.
- Potential contamination resulting from the historical coal storage on the subject property.

Phase II ESA, TMI Environmental, May 1992

The Phase II ESA was completed to investigate the potential environmental concerns identified within the March 1992 Phase I ESA. Seven soil borings were completed on the parent parcel. The borings were advanced to an average depth of 4 feet bgs. Soil samples were collected from six of the borings at a depth of approximately 4 feet bgs. Water samples were collected from each of the borings. The samples were analyzed for a variety of volatile and semi-volatile organic compounds (VOCs, SVOCs), pesticides, PCBs, and metal compounds. None of the sampling locations were determined to be located on the subject property portion of the parent parcel.

BEA, AKT Peerless Environmental, November 2000

The BEA was based on a Phase I ESA completed by AKT Peerless in September 2000 and Phase II Site Investigation completed by AKT Peerless in September 2000. Five soil samples and one water sample were collected from the parent parcel in August 2000 to assess RECs identified within the Phase I ESA. One soil sample (SB-5) was collected from the subject property portion of the parent parcel. The parent parcel BEA was completed based on the identification of arsenic, chromium, lead, mercury, and selenium in soil above the Michigan Residential GCC. The subject property portion of the parent parcel was evidenced with arsenic, chromium, and selenium in soil above the Michigan Residential GCC.

BEA, AKT Peerless Environmental, November 2007

The BEA was based on a Phase I ESA completed by AKT Peerless in August 2006, Phase II Site Investigation completed by AKT Peerless in August 2006 and a Geophysical Survey Report completed by Geophysical Imaging in August 2006. The BEA was completed for the subject property. On August 4, 2006, AKT Peerless conducted a subsurface investigation at the subject property and the parent parcel, to address select RECs identified in AKT Peerless' 2006 Phase I

ESA. The scope of the Phase II Subsurface Investigation was determined in conjunction with the MDEQ via discussions and work plan revisions. AKT Peerless: (1) advanced one soil boring on the subject property, (2) collected one soil sample from the subject property; and (3) submitted the sample for laboratory analyses. AKT Peerless performed a qualitative evaluation of the soil sample collected during drilling and a quantitative analysis (laboratory analysis) of the discrete soil sample.

The sample was submitted for laboratory analyses of select parameters including VOCs, polynuclear aromatic hydrocarbons (PNAs), and “Michigan 10” metals.

An individual Phase II report was not prepared; and consequently, a summary of the Phase II Subsurface Investigation is incorporated into the 2007 BEA report.

The geophysical survey report, dated August 8, 2006, was completed for the subject property in connection with the parent parcel. The findings of the survey indicated that the subject property (Parcel B) was discovered to contain several magnetic anomalies, which were individually interpreted to represent possible buried metal debris, abandoned pipes, former building foundations with footers and former building foundations/pads. No anomalies consistent with USTs were discovered at the subject property according to the Geophysical Survey Report.

According to the BEA, site development activities required the removal of topsoil from the parent parcel associated with the redevelopment of the Historic Borden Building. The topsoil was staged on the southeastern portion of the subject property (refer to the attached 2007 aerial photograph). According to the developer, approximately 1,356 tons of topsoil was removed to the Waste Management landfill located in Harrison, Michigan. The remaining topsoil may be used as fill on select portions of the parent parcel or removed for landfill disposal. The subject property and the parent parcel formerly operated together and share similar environmental conditions and facility compounds, the relocation of fill material between the two parcels was approved by the MDEQ in the 2006 planning meetings. To further evaluate the presence of contaminants within the stockpiled topsoil, the MDEQ requested the collection and analysis of samples from the topsoil. On October 31, 2007, AKT Peerless obtained two, composite samples of the topsoil, that had been stockpiled on the subject property portion of the parent parcel. Two soil samples (S-1 and S-2) were submitted for laboratory analysis of VOCs and SVOCs. Laboratory analysis identified the presence of VOCs and SVOCs above the laboratory detection limit. Facility compounds of VOCs and SVOCs were also identified. This material was not scheduled to remain on the subject property (or parent parcel); however, as no verification sampling was conducted the potential exists for facility levels of the VOCs or SVOCs to remain on the subject property. Therefore, these analytical results had been incorporated into the BEA.

4.5 HISTORICAL USE INFORMATION

The objective of reviewing historical sources is to: (1) develop a history of previous uses or specific occupancies of the subject property, (2) identify those uses or specific occupancies that are likely to have led to potential environmental concerns at the subject property, and to the extent identifiable, at adjoining properties, and (3) identify obvious uses of the subject property from the present, back to the property’s *obvious* first developed use, or back to 1940, whichever is earlier.

Historical Summary – Subject Property

The following table summarizes the general development and use of the subject property, as identified by AKT Peerless.

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
1884	Railroad	A railroad crossed the subject property by 1884	Saginaw/Mt. Pleasant Railroad	Sanborn maps
1890 – ~ 1890	Railroad, warehouse/ storage structures	Railroad/spurs and lumber storage sheds	Unknown	Previous reports Sanborn maps
1895 – 1900	Railroad /spurs, ice house, lumber shed, food and produce storage structures, hay and lime storage	Lumber yard, dry storage and supplies	Unknown	Sanborn maps
1910	Railroad /spurs, grain elevators, lumber and coal sheds, hay and straw storage	Lumber, coal, hay, straw and grain sales, storage and supply	Independent Elevator Company, Sweeney & Co. Elevator	Sanborn Maps
1924 1926 1930 1931 1939 1945	Railroad /spurs, grain elevator, lumber and coal sheds/bins, hay and straw storage, scales, roofing / brick storage, grocery warehouse and planning mill	Lumber, coal, hay, straw, grocery and grain sales and storage	Ann Arbor Railroad, Isabella County Farmers Grain Co., Mt. Pleasant Lumber Co., Kenny Wholesale Grocery, Kenny Bros. and Clements Roofing	Sanborn Maps City directories
1945 1949 1950 1953 1957 1958	Railroad /spurs, lumber/coal sheds and exterior yard storage, scales, roofing/ brick storage, grocery warehouse and planning mill	Building materials, grocery and coal storage and supply	Mt. Pleasant Lumber Co., Mt. Pleasant Milling Company and Kenny Wholesale Grocery Co.	Sanborn Maps Aerial photographs City directories
1960 1961	Railroad tracks and spurs, lumber shed, exterior coal/lumber yard, grocery warehouse and vacant building	Building materials, grocery and coal storage and supply	The Ann Arbor Railroad Company and Home Cashway Lumber	Sanborn Maps Municipal records City directories
1965 1966 1972 1982 1984 1992	Railroad tracks and spurs, warehouses, grain elevator	Lumber yard, grain elevator and heating and cooling contractor	The Ann Arbor Railroad Company (1961), Superior Electrical Cooling/ Heating (1966), Bader Milling Company (1965-75), Terrance Seybert (1983), Lennox & Superior-Torberson Heating & Cooling	Municipal records Aerial photographs City directories Previous reports

Time Period	Improvements	Use	Owner / Occupant	Data Source(s)
2000 – 2006	Vacant land	Proposed development site	EDC, BDC, and TIFA of the City of Mt. Pleasant	Previous reports
2007 – 2008	Vacant land with soil piles	Proposed development site	James Johnson (2007), Central Michigan Developers (2008)	Aerial photographs Municipal records Previous reports
2010 – 2012	Vacant grass-covered land	None	Central Michigan Developers LLC (2008) City of Mt. Pleasant (2012)	Site Reconnaissance Municipal records

The subject property was vacant in 1884, with the exception of the Saginaw/Mt. Pleasant Railroad, which crossed the southern portion of the subject property at that time. The subject property is bordered to the north by the Chippewa River and to the west by a Mill Race (channel). Three lumber sheds and two railroad spurs are depicted on the southern portion of the subject property in 1890. In 1895, the subject property is developed with seven structures and the railroad tracks are located on the northern and central portion of the site; the structures were depicted as an ice house, lumber shed, food and produce, as well as lime storage. By 1900, the existing structures at the subject property were depicted as warehouse, ice house, hay storage, lumber shed, food and produce, as well as lime storage. In 1910, the subject property is the location of an additional railroad spur and is the location of two grain elevator companies with lumber and coal storage activities. In 1924, the subject property is depicted as the Isabella County Farmers Grain Company and the structures/improvements include a hay and straw warehouse, grain elevator, lumber sheds office, planning mill, coal shed, two scales and brick piles. By 1931, the Isabella County Farmers Grain Company included additional coal storage bins/structures and a grocery warehouse. In 1950, the subject property is depicted as the Mt. Pleasant Lumber Company; the uses of the property include a grocery warehouse, lumber sheds, cement and roofing warehouse, coal shed, coal yard, scales and lumber yard. By 1961, the subject property is depicted as a coal yard with two structures and associated railroad tracks/spurs. In 1965, the subject property is developed with a 300-ton capacity (12,500 bushels) feed hopper; the northeastern portion of the subject property is the location of a structure (grocery warehouse) and the southwestern portion is the location of a structure (lumber/coal warehouse). Aside from the hopper, railroad tracks/spurs and two buildings, the subject property does not maintain any of the historical structural developments. At some point between 1966 and 1972, the western adjacent waterway (mill race) appears to have been filled in. By 2007, the subject property buildings and railroad tracks/spurs were razed. In December 2012, the subject property appeared to be level land without any structures; an asphalt-covered walkway, bench and wooden railings are present on the northern portion of the lot adjacent to the Chippewa River.

Historical Summary – Adjoining Properties

North

The adjoining property to the north beyond the Chippewa River was unimproved wooded land until development as a park by at least the 1930s. The northern adjoining property remains developed as a park.

East

The adjoining property to the east was unimproved vacant land with the exception of the Saginaw and Mt. Pleasant Railroad track in 1884 and 1890. By 1895-1890, it was developed with a freight house and railroad spur. By 1990, the site was structurally developed with an industrial building and warehouse that operated as the Michigan Condensed Milk Company. From ≈1924 through ≈1953, the eastern adjacent property was operated under the Borden Company as dairy processing plant. By 1960-61, the site was vacant and reportedly remained vacant until redevelopment activities began in ≈2007. By 2012, the site was completely remodeled and occupied by Mt. Pleasant City Hall (municipal offices).

South

The adjoining property to the south beyond West Broadway Street consisted of a railroad spur, Mt. Pleasant Roller Mills (grain refining) and a copper shop in 1884. By 1890, the copper shop was not present and the site consisted of numerous structures associated with grain refining (gleaning, grinding, bolting and dust control). It should be noted that the grain refinement operations were powered by water that passed through the mill race, which also traversed the western portion of the subject property at that time. From 1895 through ≈1984, the Mt. Pleasant Roller Mills and Harris Milling Company operations continued. By 1992, the majority of the structures on the southern adjoining property appeared to be razed. By 2007, the site was redeveloped with a commercial structure and associated asphalt-covered parking areas. In December 2012, the site was observed as the location of Broadway Health Services.

West

The adjoining property to the west, beyond the mill race, appeared to consist of undeveloped land in 1884. By 1890, it was the location of the city water well and a refuse burning pit, which appeared to collect waste materials (i.e. wood) via a conveyor from the southern adjoining hoop factory. By 1895, the site was developed with an additional water well, railroad spurs, a locomotive house (greasing and maintenance activities) and a railroad turn-style. By 1900, a railroad passenger station was developed and the refuse burning pit is no longer depicted. By 1910, the City Water Works constructed a building adjacent to the two water wells; the operations were powered by water flow through the mill race and a 12-inch diameter water line is depicted beneath Broadway Street. From 1931 through 1961, coal storage, ice storage and freight warehousing operations are depicted on the site, as well as the City Water Works and their associated wells. December 2012, the former City Water Works building was occupied by Water Works Salon & Spa and the former railroad passenger station/freight warehouse was occupied by Mountain Town Station (brewery and steakhouse); the remaining portions of the west adjoining property consist of asphalt-covered parking/drive areas.

4.5.1 Aerial Photographs

AKT Peerless obtained aerial photographs for the subject property from EDR. AKT Peerless' observations noted during the review of these photographs are summarized in the following table. Photocopies of select aerial photographs are presented as Appendix E.

Photo Dates	Observations (Subject Property)	Potential Environmental Concerns
1950 1957 1958	The subject property is shown as developed for commercial/industrial use. An outbuilding or shed is shown on the northeastern portion of the property adjacent to the Chippewa River. At least four structures are present on the western portion of the subject property. A railroad traverses the northern portion of the subject property in an east/west direction. Railroad spurs are also shown on the subject property. A waterway (mill race) is present along the west edge of the subject property.	Suspect industrial activity, railroad, and rail spurs
1965 1966 1972 1982 1984	These aerial photographs appear similar to the previous aerial photographs from the 1950s, with the following changes: A relatively tall structure (grain hopper) is present on the central eastern portion of the site. Some of the former buildings have been removed. At some point between 1966 and 1972, the western adjacent waterway (mill race) appears to have been filled in.	Suspect industrial activity, railroad, and rail spurs
1992	This aerial photograph appears similar to the 1984 aerial photograph, with the following changes: the subject property is shown as developed with the former grain hopper and none of the previously noted structures appear to be present.	None observed
2007	This aerial photograph depicts the subject property without any structural improvements or railroad tracks/spurs. The site appears to have been recently leveled with grading equipment. A soil pile is present on the central eastern portion of the site. The southwest corner of the site is the location of meters and access points to subsurface municipal utilities. This aerial photograph appears similar to what was observed at the time of the site reconnaissance for this Phase I ESA.	The existence of fill material from an unknown source

AKT Peerless' review of historical aerial photographs of the adjoining properties is summarized in the following table.

Photo Dates	Potential Environmental Concerns (Adjoining Properties)
1952 1958 1965 1972 1982 1992	No obvious evidence or indications of RECs or other potential environmental concerns were noted with respect to the adjoining properties during AKT Peerless' review of the referenced aerial photographs, aside from the fact that the adjoining properties appear to have been developed with industrial/manufacturing buildings to the west, south and east beginning in the 1950s.

4.5.2 Fire Insurance Maps

AKT Peerless obtained fire insurance maps for the subject property from EDR, the City of Mt. Pleasant. AKT Peerless' observations noted during the review of these maps are summarized in the following table. Photocopies of the referenced maps are presented in Appendix F.

Map Dates	Observations (Subject Property)	Potential Environmental Concerns
1884	The subject property is labeled vacant. The Saginaw and Mt. Pleasant Railroad is shown crossing the southern portion of the subject property.	Railroad tracks
1890	A lumber shed and two lumber piles are depicted on the southeastern portion of the subject property proximate to the railroad. A rail spur is shown on the eastern portion of the property	Railroad track and spur
1895	The railroad was relocated to the northern portion of the property. A rail spur is shown crossing the western and central portions of the property. Six structures are shown on the eastern portion of the property. Two of the structures are not labeled. The remaining structures are labeled as lumber shed, icehouse, lumber, feed and produce, and lime.	Railroad and rail spurs Lime storage
1900	The western portion of the subject property remains generally consistent with the 1895 Sanborn Map, with the exception of two additional structures labeled as warehouse and hay.	Railroad tracks and spurs Lime storage
1910	The northern portion of the subject property is not shown on the 1910 Sanborn map. An office and two grain elevator companies are shown on the subject property. The eastern company is labeled Sweeney & Co. Elevator. The western company is labeled Independent Elevator, Co. Structures on the western portion of the property are labeled as hay, straw, and coal warehouses/sheds.	Railroad tracks and spurs Coal storage
1924	With the exception of the addition of two scales and a planing mill on the subject property, structural development remains generally consistent with what was described from the 1910 Sanborn Map. The subject property is labeled as the Isabella County Farmers Grain, Co. and Mt. Pleasant Lumber, Co.	Railroad tracks and spurs Coal storage
1931	With the exception of the addition of a grocery warehouse, cement and roofing warehouse and several areas of coal storage (sheds, bins & piles) on the subject property, it appears consistent with the 1924 Sanborn Map. The subject property is labeled as the Isabella County Farmers Grain, Co. and Mt. Pleasant Lumber, Co.	Railroad tracks and spurs Exterior coal storage
1950	The subject property is labeled coal yard, lumber yard and Mt. Pleasant Lumber, Co.	Railroad tracks and spurs Exterior coal storage
1961	The subject property is labeled coal yard and lumber yard. One building, labeled lumber and vacant, exits on the western edge of the site and a grocery warehouse is present on the northern portion of the site. Aside from these two buildings and railroad tracks and spurs, none of the former structures are depicted.	Railroad tracks and spurs Exterior coal storage

AKT Peerless' review of historical fire insurance maps of the adjoining properties is summarized in the following table.

Map Dates	Potential Environmental Concerns (Adjoining Properties)
1884	South adjoining: Copper Shop, industrial activities
1890	None
1895 1900	West adjoining: Locomotive turntable/ house, industrial greasing and maintenance activities
1910 1924	East Adjoining: Condensed Milk Company, industrial activities
1931 1950	East Adjoining: Condensed Milk Company, industrial activities West adjoining: Coal storage
1961	None

4.5.3 City Directories

City Directories from various years between 1926 and 1998 were reviewed at the Mt. Pleasant Public Library. The purpose of this review was to determine the past occupancy of the subject property. Information obtained from the reviewed directories is summarized in the following table. The addresses in the following table are located on West Broadway Street. The Sanborn fire insurance maps were used to determine the former addresses for the subject property.

Dates	Subject Property Occupants, West Broadway Street
1926	320 – Borden’s Milk Products, Co. 412 – Mt. Pleasant Lumber, Co.
1930	320 – Borden’s Milk Products, Co. 324 – Kenny Bros. 412 – Mt. Pleasant Lumber, Co. Ann Arbor Railroad
1939	320 – The Borden Co. Kenny Wholesale Grocery Co. 412 – Mt. Pleasant Lumber Co
1945	320 – Borden Co. 320 ½ - Kenny Wholesale Grocery 412 – Mt. Pleasant Lumber, Co.
1949	320 – The Borden Co. 320 ½ - Kenny Wholesale Grocery, Co. 412 – Mt. Pleasant Milling, Co.
1953	320 – The Borden Co. 412 – Mt. Pleasant Lumber, Co.
1960	320 – Vacant 412 – Home Cashway Lumber
1966	320 – Vacant 412 – Superior Electrical Cooling/Heating
1970	320 – Vacant
1975	Not listed

Dates	Subject Property Occupants, West Broadway Street
1989	320 – Lennox Heating and Cooling Superior – Torberson Cooling & Heating
1994	Not listed
1998	Not listed

An address that is not listed typically indicates that: (1) the property was vacant at that time, (2) a potential building was unoccupied at that time, (3) a previously existing address was different than the current address, (4) the building was not represented in the directory because of a “lag time” between building the structure and compiling the list, or (5) occupant information was not available for inclusion into the directory.

AKT Peerless did not review city directories for adjoining properties to determine their past occupancy.

4.5.4 Assessing Department Records

AKT Peerless reviewed tax assessment records on the subject property at the City of Mt. Pleasant Assessing Department. The following table summarizes features or items of potential environmental concern, if any, that were noted during the record review.

Environmental Issue	Comments
Storage Tanks	None identified
Asbestos-Containing Materials (ACMs)	None identified
PCB Materials	None identified
On-site Well/Septic System	None identified
Disposal Facilities/Fill Material (e.g., lagoons, pits, landfills, etc.)	None identified

No additional information that could indicate potential environmental concerns at the subject property was found in the records. The records indicated that the property was formerly owned/operated by the Ann Arbor Railroad Company, the Michigan Condensed Milk, Co., the Borden Company, and the Bader Milling Company. Copies of information obtained from the Mt. Pleasant Assessing Department are included in Appendix F.

4.5.5 Building Department Records

AKT Peerless attempted to review building records for the subject property at the City of Mt. Pleasant Building Department. According to the City of Mt. Pleasant Building Department, no building records were discovered regarding the subject property.

5.0 INTERVIEWS

AKT Peerless provided questionnaires to the subject property owner and key site manager, and as available, conducted interviews.

5.1 INTERVIEW WITH SUBJECT PROPERTY OWNER

AKT Peerless interviewed Mr. William Mrdeza, the City of Mt. Pleasant Community Services and Economic Development Director regarding his and the City's knowledge of the subject property. Mr. Mrdeza indicated that the subject property has remained vacant land with no on-site operations, which is generally consistent with site use at the time of the previous environmental investigation conducted at the property. Mr. Mrdeza was not aware of significant changes to the subject property or adjoining sites since the time of the previous environmental investigations. With the exception of the known contamination and RECs reported in the previous environmental investigations, no information was reported that would be considered material to identifying RECs in connection with the subject property.

5.2 INTERVIEW WITH KEY SITE MANAGER

Refer to Section 5.1 for an interview with the Key Site Manager.

5.3 INTERVIEW WITH SUBJECT PROPERTY OCCUPANT(S)

The subject property is unoccupied; therefore, occupant interviews were not completed during the course of this ESA.

5.4 INTERVIEW(S) WITH OTHERS

AKT Peerless contacted the Central Michigan District Health regarding the subject property. According to personnel, the subject property is serviced by a public water supply and storm water sewer. Personnel were not aware of any health problems (indoor air quality issues, incidences of cancer, lead contamination or radon) associated with the subject property.

AKT Peerless contacted the City of Mt. Pleasant Fire Department regarding the subject property. According to personnel, there are not any departmental files regarding the subject property portion of the parent parcel. Personnel did not indicate any additionally significant information or personal knowledge regarding the subject property.

AKT Peerless interviewed Mr. Jason Moore of the City of Mt. Pleasant Engineering Department regarding the subject property. Mr. Moore stated that municipal water utilities have been available to the subject property since the early 1900s. Sanitary sewer utilities have been available since the late 1910s/1920s. Mr. Moore was not aware of any specific connectivity dates regarding the subject property. Mr. Moore provided AKT Peerless with copies of historical aerial photographs of the subject property area. The aerial photographs include property boundaries and the location of underground municipal utilities.

AKT Peerless interviewed a representative of the City of Mt. Pleasant Building Department regarding the subject property. Staff personnel indicated that the subject property is zoned Central Business District (C-2) and that the building department database does not contain any records regarding the subject property.

AKT Peerless interviewed Mr. Mike Lyons, of the MDEQ RRD regarding the subject property. Mr. Lyons is the MDEQ Project Manager assigned to the parent parcel of the subject property.

Mr. Lyons provided access to previous environmental reports for the subject property, submitted to the MDEQ, described in Section 4.4.5. Mr. Lyons was not aware of environmental conditions at the subject property beyond those described within the previous environmental assessments.

AKT Peerless personnel provided environmental consulting and engineering support during the time of the Riverwalk Trail installation on the subject property in June 2011. Mr. Ryan Londrigan of AKT Peerless reported observing slag and coal on the subject property during the 2011 Riverwalk Trail installation. The observed slag and coal remains on the subject property beneath the existing surface covers (sand, asphalt, and topsoil).

6.0 SUBJECT PROPERTY RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

The subject property reconnaissance consisted of visual and physical observations of the subject property. AKT Peerless visually and/or physically observed the periphery of the subject property. In addition, AKT Peerless observed the subject property from all adjacent public thoroughfares. AKT Peerless viewed the subject property following a grid pattern designed to cover representative portions of the unimproved areas.

Mr. Dennis Kendall of AKT Peerless conducted the subject property reconnaissance on December 14, 2012. Mr. Kendall was unaccompanied during the site reconnaissance. AKT Peerless encountered the following project specific facts or conditions that limited our ability to access the subject property:

- Visual observations of the subject property were limited by the presence of snow cover.

6.2 GENERAL SUBJECT PROPERTY SETTING AND OPERATIONS

The subject property consists primarily of a grass-cover with a relatively small concrete pad for municipal utilities located on the southeast corner of the lot and an asphalt-covered walkway with wooden railings and a bench located on the northernmost portion of the site. The southwest corner of the site is the location of meters and access points to subsurface municipal utilities. The walkway, sidewalk and bench are associated with the City of Mt. Pleasant – Island Park, more specifically, the “Riverwalk Trail Extension.” In general, the subject property and surrounding areas appeared to be level without any significant topographical shift. AKT Peerless did not observe any operations at the subject property.

6.3 OBSERVATIONS

6.3.1 Hazardous Substances and Petroleum Products

AKT Peerless did not observe hazardous substances or petroleum products at the subject property.

6.3.2 Hazardous and Non-Hazardous Waste

AKT Peerless did not observe hazardous or non-hazardous waste at the subject property.

6.3.3 Storage Tanks

AKT Peerless did not observe evidence of former or existing UST systems (e.g., vent pipes, fill ports, dispensing pumps, patched pavement, etc.) at the subject property. AKT Peerless did not observe evidence of AST at the subject property.

6.3.4 Unidentified Substances/Containers

AKT Peerless did not observe evidence of unidentified substances or other suspect containers on the subject property.

6.3.5 Potential PCB Containing Equipment

AKT Peerless inspected the subject property for the presence of liquid-cooled electrical units such as transformers and large capacitors. Such units are notable since they may be potential sources of PCBs. AKT Peerless did not observe suspect PCB-containing equipment at the subject property.

6.3.6 Interior Staining / Corrosion

AKT Peerless did not observe evidence of interior staining or corrosion.

6.3.7 Drains and Sumps

AKT Peerless did not observe drains or sumps at the subject property.

6.3.8 Discharge Features

Storm water that falls upon the subject property appears to percolate directly into the ground or sheet-flow to the northern adjacent Chippewa River or the adjacent river cut/former mill race. AKT Peerless did not observe storm water catch basins or drains on the subject property. AKT Peerless observed several storm water catch basins located within the road right-of ways; the catch basins connect to the municipal storm/sewer system.

6.3.9 Pits, Ponds, and Lagoons

AKT Peerless did not observe pits, ponds, or lagoons, or evidence thereof, at the subject property.

6.3.10 Solid Waste Dumping / Landfills

AKT Peerless did not observe evidence of solid waste dumping or landfills at the subject property.

6.3.11 Stained Soil, Stressed Vegetation, Stressed/Stained Pavement

AKT Peerless did not observe any evidence of stained soil, stressed vegetation, stressed pavement, or stained pavement at the subject property. However, the subject property was covered by approximately ½ inch of snow cover at the time of the site reconnaissance. This snow cover may have prevented observations of stained soil or stressed vegetation.

6.3.12 Well and Septic Systems

AKT Peerless did not observe physical evidence or indication of wells or septic systems at the subject property.

6.3.13 Other Observations

AKT Peerless did not note any other environmentally significant observations of the subject property.

6.4 NON-ASTM SCOPE CONSIDERATIONS

AKT Peerless did not evaluate any other potential environmental conditions (i.e., further areas of possible business/environmental concern and/or liability) that are outside the scope of ASTM Standard Practice E 1527-05. Examples of such potential environmental conditions that were beyond the scope of this Phase I ESA include: ACMs, cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, indoor air quality, industrial hygiene, lead-based paints (LBPs), lead in drinking water, moisture intrusion/suspect mold growth, noise pollution, radon, regulatory compliance/non-compliance and/or wetlands.

AKT Peerless advises users of this document who wish to obtain an evaluation of the subject property relative to any of the aforementioned non-ASTM issues to engage the services of a qualified environmental professional.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 RECOGNIZED ENVIRONMENTAL CONDITIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527 of Parcel “B” located at 320 West Broadway Street in the City of Mt. Pleasant, Isabella County, Michigan (subject property). Any exceptions to, or deletions from, this practice are described in Section 8.0 of this report.

This assessment has revealed no evidence of RECs in connection with the property, except for the following:

1. As stated throughout this report, the subject property formerly operated for industrial and manufacturing purposes in connection with the parent parcel, including a dairy processing plant, grain elevators, lumber storage, and planing mill from approximately 1900 until the late 1970s. Potential environmental concerns typically associated with the historical utilization of the subject property for industrial and/or manufacturing purposes include: (1) the historical use and/or storage of bulk quantities of petroleum products and/or hazardous substances; (2) the potential of a historical release of these chemicals to the subsurface of the subject property; and (3) the potential historical generation of metal waste which could have been introduced to the subsurface of the subject property.
2. As described throughout this report, several railroad tracks and spurs historically crossed the subject property from at least 1884 through ≈1992. The former railroad tracks and spurs

indicate the potential for a past release of hazardous substances and/or petroleum products to the subject property; and consequently, are considered a REC.

3. As described in Sections 4.5 and 4.5.2 of this report, lime was historically stored and distributed from the subject property. The former storage medium and general housekeeping practices are unknown. Commercial lime storage and sales operations indicate the potential for a past release of hazardous substances to the subject property; and consequently, are considered a REC.
4. On July 5, 2006, and in June 2011, AKT Peerless observed foundry slag and coal on the subject property. Foundry slag and coal are known to contain hazardous substances and/or petroleum products. As described throughout this report, several coal storage yards were historically located on the subject property from at least 1910 through \approx 1961. According to the historical information, the coal was either stored in sheds or outside, in bins or on the ground where it can be exposed to precipitation. Since that time, the majority of the subject property has been covered with sand, topsoil and the Riverwalk Trail. The historically observed foundry slag and coal is a REC.
5. As described throughout this report several historical structures and outbuildings were located on the property since the late 1800s. It is AKT Peerless' opinion that the basement/foundation excavations left after demolition of the buildings previously located on the subject property were potentially filled with impacted material. The potential use of impacted fill material on the subject property is a REC.
6. As described in Section 4.4.5, BEAs and several Phase II ESAs were previously completed on the subject property and the former parent parcel. The former parent parcel is classified as a SHWS. According to the 2000 and 2007 BEA reports, two soil samples (B-1 and SB-5), located on the subject property, were determined to be impacted with arsenic, chromium, and selenium with concentrations exceeding the current MDEQ GCC and Screening Levels. In addition, two soil samples (S-1 and S-2) from a soil stockpile were identified with facility compounds of VOCs and SVOCs. The known impact on the subject property and former parent parcel with contaminant concentrations above MDEQ GCC and Screening Levels is a REC.
7. As described in Section 4.2.2 and 4.3.2, four (4) BEAs were conducted at the southern adjacent property identified as 411 West Broadway Street and 109 Oak Street. The BEAs indicate that the sites are impacted with several metals and SVOCs in the soil above the residential GCC. The SHWS site status for one of the adjoining properties (411 West Broadway Street) indicated that interim response is in progress with respect to the known impact of dibutylphthalate (DBP), lead and PCBs. Based on known impact described within the former BEAs and SHWS listing, close proximity, and inferred up-gradient location, the southern BEA sites represent an off-site REC.
8. A mill race was located along the western property boundary since at least the late 1800s. The mill race was filled at an unknown time between 1966 and 1972. Material used to fill the former mill race was not identified during the course of this assessment. The potential exists that the mill race was potentially filled with impacted material, which is considered a

REC. Additionally, a BEA indicated that the site (0.15 Acre Portion of Parcel 17-000-15824-00) was the historical location of a railroad line crossing and a mill race, site observations noted the presence of coal and foundry slag materials at various locations across the site. File information indicated that the site’s soils are impacted with arsenic, chromium, selenium, naphthalene, 1,2,3-TMB, 1,2,4-TMB and xylene at concentrations exceeding residential GCC. Based on the known impact and adjacent proximity, the site represents an off-site REC to the subject property.

9. As described in Section 4.2.2 and 4.3.2, a BEA for the nearby property (Parcel 17-000-15823-00), located 100-foot northwest of the subject property, indicated that the site was the historical location of a lumber yard and railroad tracks/spurs, site observations noted the presence of coal and foundry slag materials across the site. File information indicated that the site’s shallow (1.0’-1.5’) soils are impacted with arsenic, chromium and selenium at concentrations exceeding residential GCC. Based on the known impact and close proximity, the site represents an off-site REC to the subject property.
10. As discussed in Section 4.5.2, review of Sanborn Fire Insurance Maps revealed the following off-site RECs:

Map Dates	Potential Environmental Concerns (Adjoining Properties)
1884	South adjoining: Copper Shop, industrial activities
1895 1900	West adjoining: Locomotive turntable/ house, industrial greasing and maintenance activities
1910 1924	East Adjoining: Condensed Milk Company, industrial activities
1931 1950	East Adjoining: Condensed Milk Company, industrial activities West adjoining: Coal storage

Since RECs were identified during the performance of the Phase I ESA, further investigation and/or assessment is warranted in order to determine the nature, extent, magnitude, and materiality of the RECs associated with the subject property.

Based on the facility status of the subject property, AKT Peerless recommends a BEA be completed on behalf of any subsequent owner/operators of the subject property. AKT Peerless also recommends any future owner/operator of the subject property exercise “due care” as stated in Section 7a(1) of Part 201.

7.2 HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

AKT Peerless did not identify HRECs in connection with the subject property.

7.3 AREAS OF POTENTIAL CONCERN AND SIGNIFICANT DATA GAPS

AKT Peerless did not identify other areas of potential concern in connection with the subject property. Nevertheless, it is AKT Peerless’ opinion that a potential exists for an abandoned water well, septic system, and/or heating oil container to be present at the subject property.

Consequently, AKT Peerless recommends that such items, if identified or encountered during future development activities, be decommissioned, removed, and/or disposed in accordance with applicable federal, state, and local regulations. Additional action beyond that recommended above may be warranted if evidence of actual or historical heating oil USTs is identified at the subject property in the future.

However, as noted in Section 4.4.5 of this report, a geophysical survey report, dated August 8, 2006, was completed for the subject property in connection with the parent parcel. The findings of the survey indicated that the subject property portion of the parent parcel was discovered with several magnetic anomalies, which were interpreted to represent possible buried metal debris, abandoned pipes, former building foundations with footers and former building foundations/pads. USTs were not identified on the subject property portion (Parcel B) of the Geophysical Survey Report.

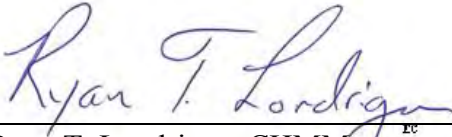
AKT Peerless did not identify or encounter any instances of significant data gaps during the course of this ESA.

8.0 DEVIATIONS

AKT Peerless did not deviate from ASTM Standard Practice E 1527-05 when performing this Phase I ESA (i.e., no components of that practice were deleted, and no additions to it were made.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of this part. 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.



Ryan T. Londrigan, CHMM

Project Manager

AKT PEERLESS ENVIRONMENTAL SERVICES

Saginaw, Michigan Office

Phone: 989-754-9896

Fax: 989-754-3804

The following individual contributed to the completion of this investigation.



Dennis Kendall

Environmental Consultant

AKT Peerless Environmental Services

Saginaw, Michigan Office

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Fax: 989-754-3804

QUALIFICATIONS

RYAN T. LONDRIGAN, CHMM*Project Manager*

EDUCATION**Bachelor of Science: Resource Ecology, High Honors, 1999**

University of Michigan, Flint, Michigan

PROFESSIONAL EXPERIENCE**Project Manager**

AKT Peerless Environmental Services

Project Manager

Global Environmental Engineering, Inc.

Part 201/Due Diligence Department Manager

Applied EcoSystems – Great Lakes, Inc.

AREA OF EXPERTISE

Mr. Londrigan has been conducting and managing environmental investigations since January 1999. His knowledge and experience spans multiple environmental disciplines. Mr. Londrigan's expertise includes evaluating environmental risk; assisting clients with environmental compliance, health, and safety; identifying, delineating, and removing a variety environmental contamination; compliance with Federal, State, and local environmental regulations; and assisting in transfer and reuse of environmentally impacted properties in a manner that protects public health and safety. Mr. Londrigan provides on-going environmental, health, and safety consulting support to various industrial and manufacturing facilities in Michigan. Mr. Londrigan has conducted and managed over 1,000 environmental investigations throughout the Midwestern United States.

- Environmental, Health, and Safety compliance and auditing
- Baseline Environmental Assessments (BEAs)
- Phase I and II Environmental Site Assessments (ESAs)
- Brownfields redevelopment and financing
- Grant management and reporting
- Chemical management and disposal
- Underground storage tank (UST) removal and closure
- Asbestos and hazardous materials assessments
- Lead-based paint assessments
- Mold surveys

AREA OF EXPERTISE (continued)

- Wetland assessments and permitting
- Air quality assessments
- Bid specifications and contractor oversight
- Environmental remediation
- Storm water management

SUMMARY OF SELECTED PROJECTS

- (1) Managed a redevelopment project for Gratiot County, the City of Alma, and a private developer at a 400,000 square foot industrial facility in Alma, Michigan, within an expedited schedule of 90 days. The project was the sole 2008 award winner from the United States Environmental Protection Agency (EPA) for “a significant contribution to the Region 5 Brownfields Program.” Mr. Londrigan managed: 1) the environmental due diligence, 2) site investigation scope development, 3) subsurface investigation, 4) environmental reporting, 5) mediation between purchaser, regulatory agencies, and legal, 6) preparation of bid specifications and bidding, and 7) contractor coordination and oversight. The project included federal closure of four RCRA Solid Waste Management Units. A Category “S” BEA and Due Care Plan were completed and affirmed by the MDNRE. An 85,000 square foot basement and over 20 press pits and vaults were characterized and remediated or closed. Over 40,000-gallons of hazardous and non-hazardous liquid waste was removed. Over 300 yards of highly impacted soils were removed from beneath the factory floor. Twenty-five tons of scrap metal and obsolete equipment was cleaned and recycled.
- (2) Managed a multi-phased project between 2007 and 2009 involving the redevelopment of the Former Osceola Refinery, in West Branch, Michigan. The project involved partnering between the MDNRE, West Branch Township, and a private developer. With both public and private funding, Mr. Londrigan managed all activities necessary to: 1) provide liability protection to the proposed purchaser, 2) provide documentation and planning necessary to protect environmental health and safety, and 3) oversaw and coordinated site construction. Despite significant challenges, project completed on time and under budget. Mr. Londrigan’s roles included: 1) oversight of environmental investigation, planning, and reporting, 2) coordination of site planning and design to overcome development limitations due to environmental impacts/conditions and provide a spatial separation from the existing contamination, 3) preparation of construction specifications and bidding, 4) contractor coordination and oversight, 5) environmental field investigations, 6) documentation of on-site activities and reporting to regulatory agencies, 7) review of contractor invoices, and 8) management and tracking of over 1 million dollar budget from multiple funding sources. Cost savings were implemented by incorporating historical investigations conducted on the property into the current investigation, which limited the extent of additional soil and groundwater sampling.
- (3) Completion of high profile environmental due diligence projects at former automotive manufacturing properties in Michigan including Buick City, Flint; Chevy in the Hole, Flint; and Ford, Ypsilanti.

-
- (4) Management of EPA Environmental Assessment Grants in Genesee, Tuscola, and Arenac Counties (2007 to 2010) – including technical oversight, budget tracking, and monthly board presentations.
 - (5) Provided field oversight and reporting for a release of approximately 100 gallons of diesel fuel resulting from a vehicle accident on Interstate-96, near Novi, Michigan. Mr. Londrigan's activities included: determining the extent of the release area, delineating regulated wetlands within the impacted area, wetland permitting, overseeing the excavation of approximately 1,000 yards of soil, collecting soil and groundwater verification samples, and submitting a closure report to the MDNRE.
 - (6) Conducted various multi-site storm water projects for municipal and industrial clients. Projects included all aspects of storm water assessment including preparation of simultaneous storm water pollution prevention plans, no coverage determinations, site visits, and routine inspections. Worked with clients to develop best management practices for significant materials with storm water exposure.
 - (7) Completed a Leaking Underground Storage Tank (LUST) closure for the release of gasoline and diesel fuel compounds at the General Motors Technical Center located in Warren, Michigan. The on-site impact was delineated via soil borings and the installation of monitoring wells. Project activities also included oversight of field technicians and coordination/reporting to General Motors and the MDNRE. Unrestricted closure was granted by the MDNRE.
 - (8) Conducted a multi-phased project for the purpose of bank foreclosure at an industrial facility in Flint, Michigan including a Phase I/II ESA and chemical disposal. Phase II activities included the delineation of on-site volatile and heavy metal impact. Disposal activities included: a chemical survey to identify the contents of up to 5,000 abandoned containers, segregation, waste characterization, profiling, bulking and lab packing, disposal coordination, and reporting to the MDNRE.
 - (9) Performed site assessment activities at a manufacturing facility in Rochester, Michigan and identified two separate releases consisting of petroleum compounds and heavy metals. Conducted soil remediation to remove direct contact and volatilization exposures. Installed 12 monitoring wells and tested quarterly to assess groundwater impact. Conducted a mixing zone determination on the adjacent stream where impact was venting. Drafted deed restrictions and submitted a Remedial Action Plan to the MDNRE.
 - (10) Performed an indoor air quality survey with a concentration on mold and asbestos at a four-story college campus building in southern Michigan. The inspection identified visual sources of water intrusion and mold amplification. Tape lifts and air sampling were conducted to identify areas of mold amplification. For abatement purposes, asbestos sampling was completed on impacted building materials.
 - (11) Conducted environmental compliance audits of waste vendors for a major automotive manufacturing company in Indiana, Ohio, and Canada on scrap steel and drum recycling facilities. The audits reviewed the compliance status of major applicable environmental regulations through the completion of an on-site visit, interviews, research into permits and plans, and compilation of a detailed summary report.

TRAINING/CERTIFICATIONS

OSHA 29 CFR 190.120 40 Hour Hazardous Waste Operations Training

Certified Hazardous Materials Manager (CHMM)

Certified Asbestos Building Inspector – Michigan

Certified Lead Inspector – Michigan

Dow Chemical Site Safety Representative – 40 hour

Michigan Certified Storm Water Operator – Industrial and Construction Sites

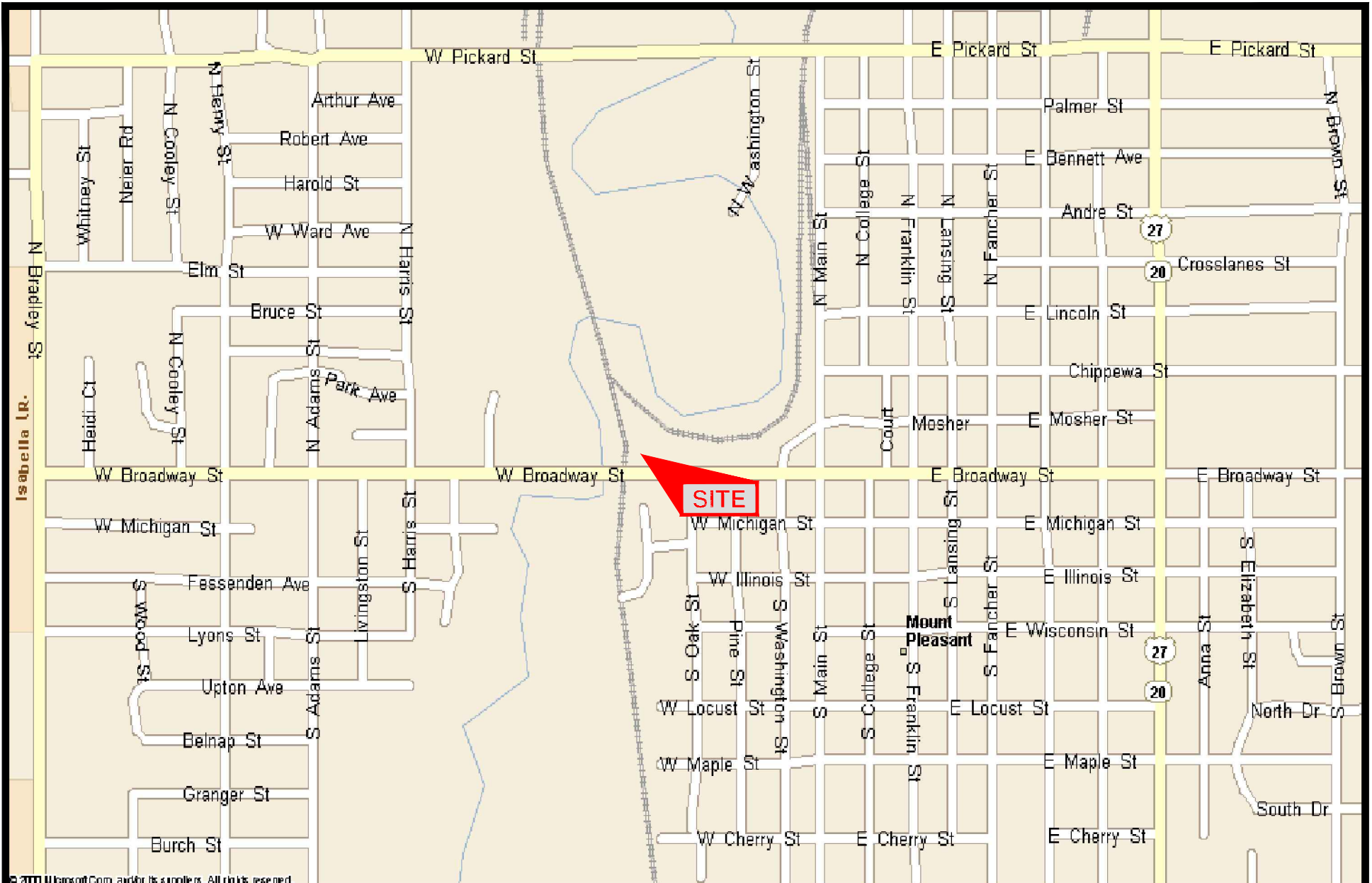
Thermo Fisher Scientific – Radiation Safety and Niton XRF Analyzers

Various Environmental Assessment and Compliance Training/Workshops

Energy Auditor Training – 24 hours classroom, 8 hours field - Principals of Energy Consumption, ASHRAE Utility Bill Analysis, and Lighting

Due Diligence University – Environmental Due Diligence (Volunteer Developer)

FIGURES



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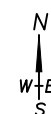
ILLINOIS MICHIGAN OHIO
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SUBJECT PROPERTY LOCATION MAP

PARCEL "B"

320 WEST BROADWAY STREET
 MOUNT PLEASANT, MICHIGAN
 PROJECT NUMBER : 79400-13-26

LEGEND

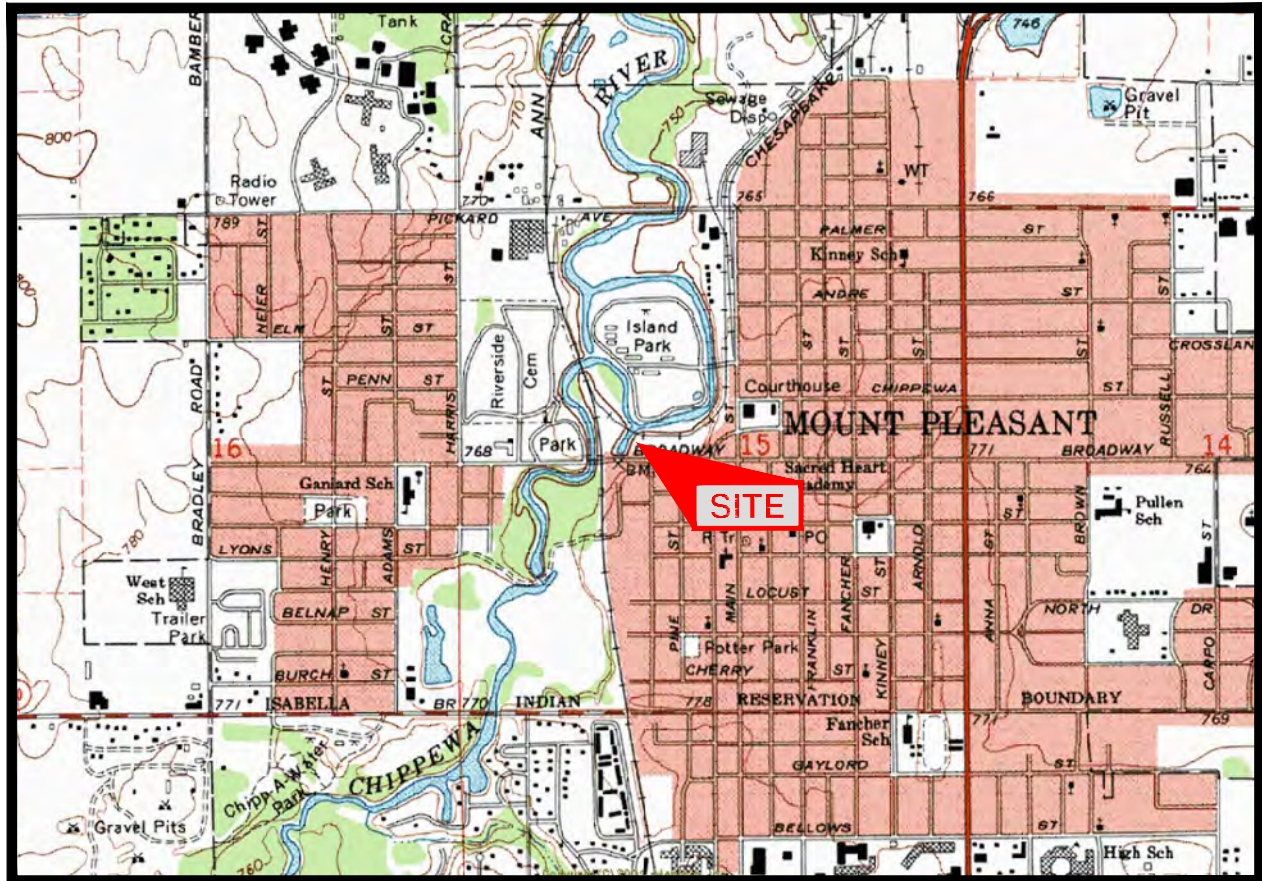


DRAWN BY: OGO
 DATE: 12-19-12

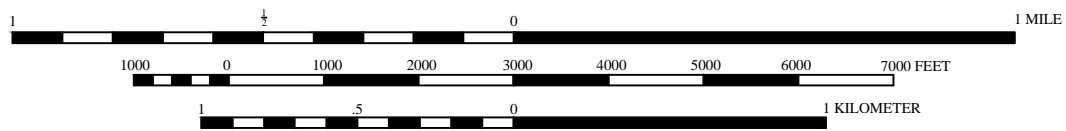
FIGURE 1

MOUNT PLEASANT QUADRANGLE

MICHIGAN - ISABELLA COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)



T.14 N.-R.4 W.



CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

IMAGE TAKEN FROM 1972 U.S.G.S. TOPOGRAPHIC MAP
PHOTOREVISED 1973



AKT PEERLESS

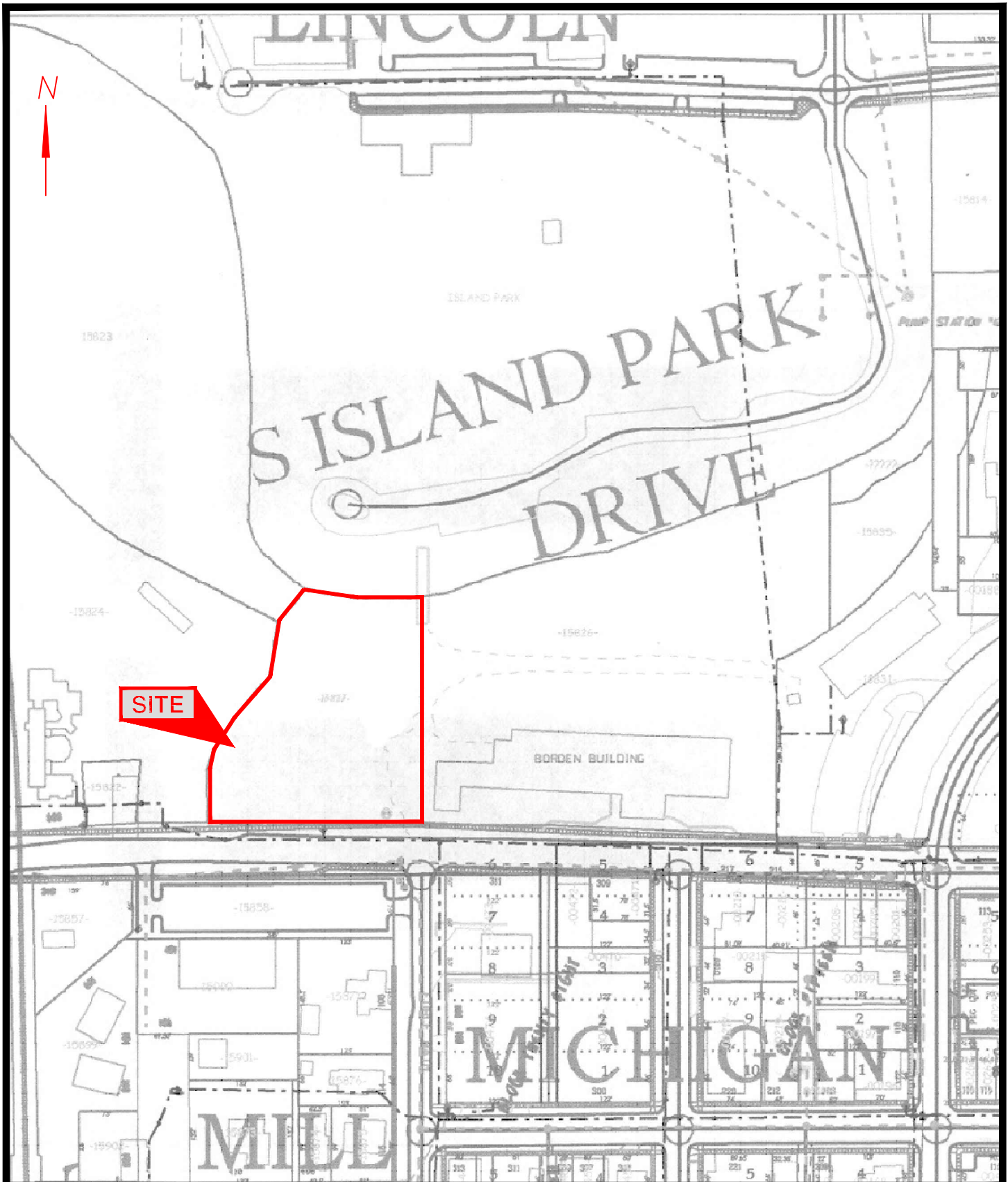
ILLINOIS MICHIGAN OHIO
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TOPOGRAPHIC LOCATION MAP

PARCEL "B"
320 WEST BROADWAY STREET
MOUNT PLEASANT, MICHIGAN
PROJECT NUMBER : 79400-13-26

DRAWN BY: OGO
DATE: 12-19-12

FIGURE 2



ILLINOIS MICHIGAN OHIO
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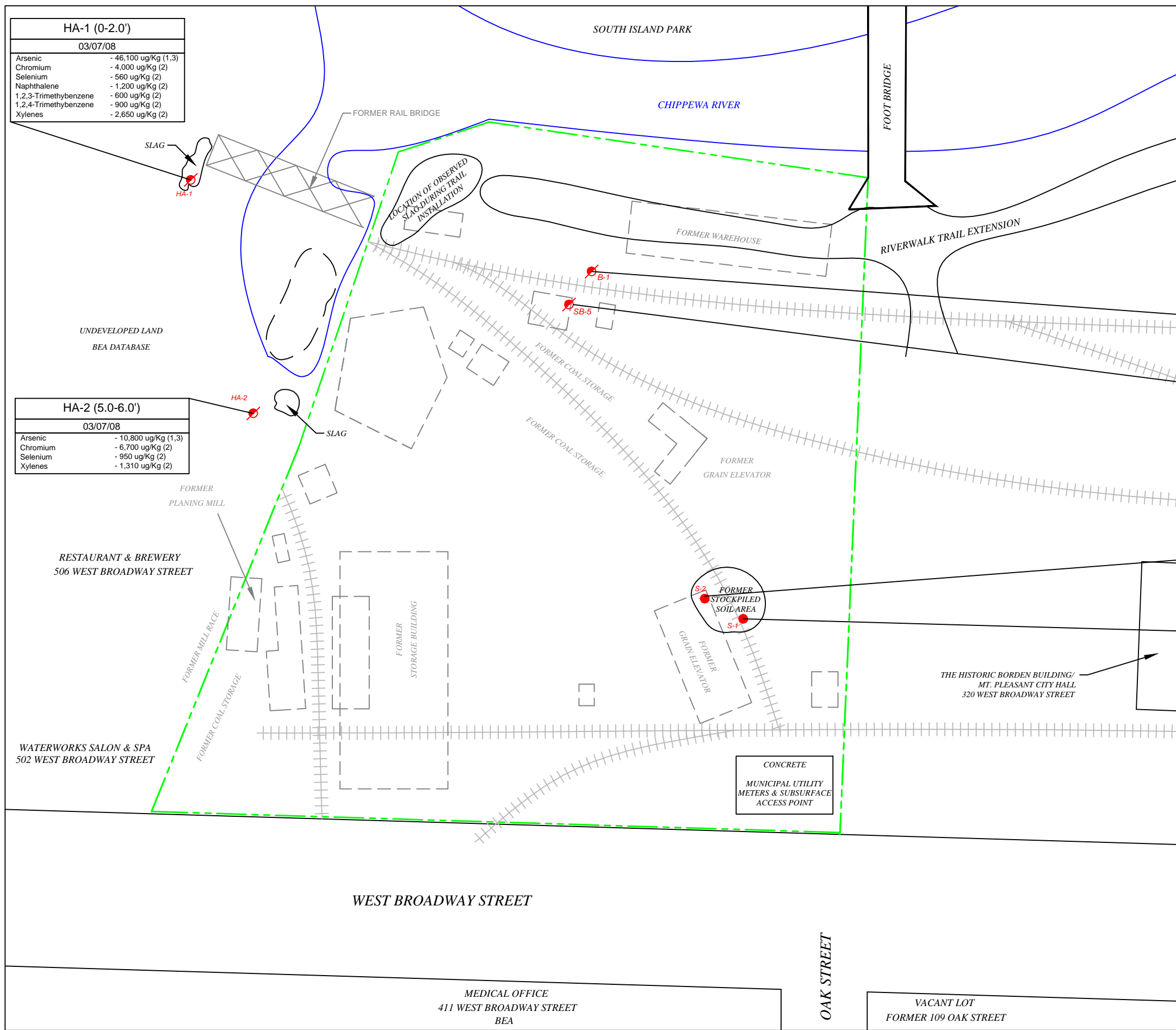
PARCEL MAP

PARCEL "B"

320 WEST BROADWAY STREET
 MOUNT PLEASANT, MICHIGAN
 PROJECT NUMBER : 79400-13-26

DRAWN BY: OGO
 DATE: 12-19-12

FIGURE 3



HA-1 (0-2.0')	
03/07/08	
Arsenic	- 46,100 ug/Kg (1,3)
Chromium	- 4,000 ug/Kg (2)
Selenium	- 560 ug/Kg (2)
Naphthalene	- 1,200 ug/Kg (2)
1,2,3-Trimethylbenzene	- 600 ug/Kg (2)
1,2,4-Trimethylbenzene	- 900 ug/Kg (2)
Xylenes	- 2,650 ug/Kg (2)

HA-2 (5.0-6.0')	
03/07/08	
Arsenic	- 10,800 ug/Kg (1,3)
Chromium	- 6,700 ug/Kg (2)
Selenium	- 950 ug/Kg (2)
Xylenes	- 1,310 ug/Kg (2)

B-1 (0.5-1.5')	
2006	
Chromium	- 3,600 ug/Kg (2)

SB-5 (1.0-2.0')	
2000	
Arsenic	- 17,000 ug/Kg (1,2,3)
Chromium	- 7,600 ug/Kg (2)
Selenium	- 1,200 ug/Kg (2)

S-2	
2007	
Xylenes	- 860 ug/Kg (2)

S-1	
2007	
Benzo(a)pyrene	- 2,100 ug/Kg (3)



- LEGEND**
- - - = PROPERTY LINE
 - = SOIL BORING
 - = SOIL SAMPLE

CRITERIA NOTE

(1) - Exceeds Residential & Commercial I Drinking Water Protection Criteria and RBSLs
 (2) - Exceeds Groundwater Surface Water Interface Protection Criteria and RBSLs
 (3) - Exceeds Residential & Commercial I Direct Contact Criteria and RBSLs

DRAWN BY: OGO
 DATE: 12-19-12
 SCALE: 1" = 00'±0
 FIGURE 4

SUBJECT PROPERTY MAP

PARCEL "B"
 320 WEST BROADWAY STREET
 MOUNT PLEASANT, MICHIGAN
 PROJECT NUMBER : 79400-13-26

AKTPEERLESS
 ILLINOIS MICHIGAN OHIO
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APPENDIX A

GENERAL LIMITATIONS AND EXCEPTIONS

General Limitations and Exceptions

Subject to the proposal, scope-of-services, and the related terms and conditions referenced in Section 1.0 of this Phase I ESA, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages.

Although AKT Peerless believes that the findings, opinions, and recommendations contained herein are reliable and appropriate, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information obtained from any data sources is complete or accurate.

Along with the inherent limitations set forth in various sections of ASTM Standard Practice E 1527-05, the accuracy and completeness of this report may be limited by the following facts or conditions:

- Due to the poor scale of the historical aerial photographs, the presence or absence of small features (e.g., individual drums, fuel dispensers) could not be discerned reliably.
- AKT Peerless made reasonable efforts to determine if USTs or related equipment (collectively referred to as UST systems) are or have been present at the subject property. AKT Peerless defines reasonable efforts as obtaining and evaluating information from visual observations of unobstructed areas and from the secondary sources cited in this report. AKT Peerless recognizes, and suggests users of this assessment acknowledge, that the accuracy of our conclusions relative to the on-site presence or use of UST systems may be directly affected by the presence of physical obstructions at the time of the reconnaissance, or affected by our receipt and evaluation of incorrect information.
- AKT Peerless' evaluation of soil and groundwater features at and near the subject property was based only on published maps and other readily available information. AKT Peerless used this information to assess soil types and groundwater flow directions to determine if conditions at any nearby sites present an environmental threat to the subject property.
- Unless specifically noted otherwise, invasive investigation of any kind has not been performed during this Phase I ESA, nor has observation under floors, above ceilings, behind walls, within the surface and subsurface soil, within groundwater, within confined spaces, roof tops, or inaccessible areas been performed.
- AKT Peerless did not conduct sampling or analysis of air, soil, groundwater, surface water, or building materials as part of this Phase I ESA, unless specifically noted otherwise.
- This Phase I ESA did not include a physical inspection of the adjoining properties, which AKT Peerless observed from the subject property and from readily accessible public rights-of-way.
- AKT Peerless typically does not review historical or environmental information about nearby sites in detail unless known activities or events at a nearby site appear to present an environmental threat to the subject property.

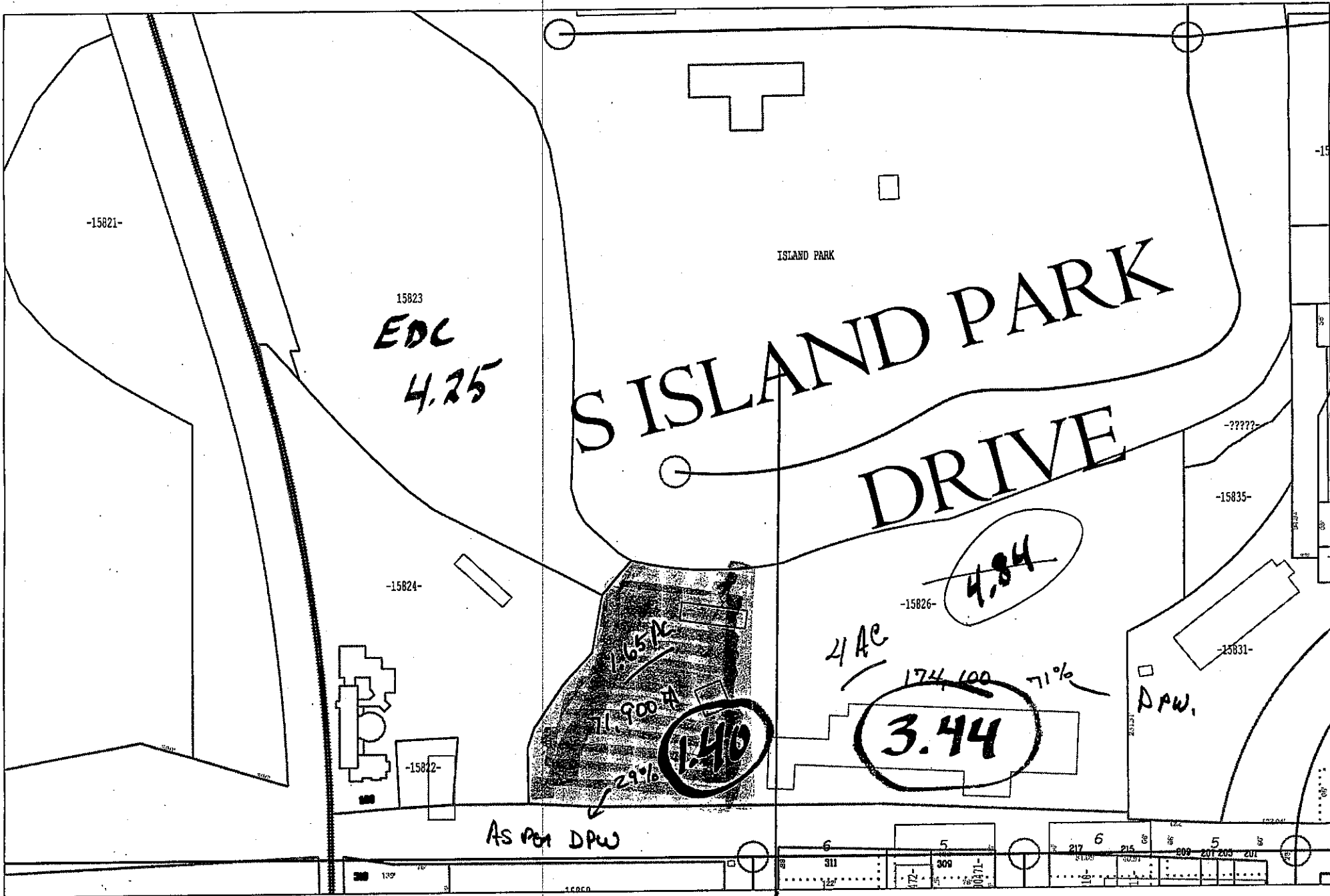
- AKT Peerless' scope of services did not include conducting a review of property title documentation. AKT Peerless requested property title documentation and environmental cleanup liens from the Client, but was not provided this information, unless specifically noted otherwise. However, as described in this report, AKT Peerless made reasonable attempts to determine if the State Environmental Agency maintains documentation regarding environmental liens recorded against the subject property.
- This assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems, that may be associated with the subject property.
- This Phase I ESA did not include any investigation or evaluation of issues not specifically related to petroleum products or hazardous substances as defined in CERCLA (i.e., other areas of potential business environmental risk such as radon, lead in drinking water, etc.).
- The information and opinions contained in the report are given in light of this assignment. The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed-upon by the parties and as limited therein.
- Although AKT Peerless believes the results contained in herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive, or that the information provided by the Client, third parties, or the secondary information sources cited in this report is complete or accurate.
- AKT Peerless is not in a position to provide an opinion regarding the Fair Market Value of the subject property. Therefore, a comparison of the purchase price of the subject property to other similar real estate transactions was not conducted during this assessment.
- Nothing in this report constitutes a legal opinion or legal advice. For information regarding individual or organizational liability, AKT Peerless recommends consultation with independent legal counsel.
- AKT Peerless relied upon specific or common knowledge of the Client, or information provided to the Client, to identify environmental liens, institutional controls, activity use limitations, or property valuation issues. As possible within the time frame and cost of this project, AKT Peerless looked for any obvious environmental information regarding these issues made readily available during the course of this ESA.
- The information and opinions presented in this report are for the exclusive use of the Client. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without written consent from the Client, or as required by law or by a Court order.
- Any third parties to whom the right to rely on the contents of this report have been granted by AKT Peerless, which is explicitly required prior to any third-party release, expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and the Client.

APPENDIX B
LEGAL DESCRIPTION

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.
JOHNSON JAMES & JILL	CENTRAL MICHIGAN DEVELOPE	0	05/29/2008	IV	OTHER	1441/0380	REC'D DEED\LC	0.0
JOHNSON JAMES E & JILL PU	CENTRAL MICH DEVELOP LLC	0	11/20/2007	IV	OTHER	1416/0593	REC'D DEED\LC	0.0
ECONOMIC DEVELOPMENT CORP	JOHNSON JAMES E	0	11/13/2007	IV	PARCELS DIFF CLASSES	1415/0998	REC'D DEED\LC	100.0

Property Address	Class: COMMERCIAL-VACANT	Zoning: C-2	Building Permit(s)	Date	Number	Status			
W BROADWAY ST	School: District 37010								
	P.R.E. 0%								
Owner's Name/Address	MAP #: R2008								
CENTRAL MICHIGAN DEVELOPERS LLC 1550 E VIRGINIA DR MIDLAND MI 48642	2012 Est TCV 35,371 TCV/TFA: 0.00								
	X Improved	Vacant	Land Value Estimates for Land Table 00197.COMM-RANDOM						
	Public Improvements		* Factors *						
			Description	Frontage	Depth	Front Depth	Rate %Adj. Reason	Value	
						1.400 Acres	0 100	0	
			Flat Value: 60984 SQ FT @ .58 CENTS				35,371		
			1.40 Total Acres				Total Est. Land Value =	35,371	
Tax Description	Dirt Road								
THAT PART OF THE SE 1/4 OF THE NW 1/4 SEC 15, T14N, R4W, DESCRIBED AS COMMENCING 43 FT N AND 205 FT W OF THE CENTER POST OS SEC 15, T14N R4W, AS THE POB, THENCE WEST ALONG THE N LINE OF BROADWAY APPROXIMATELY 727 FT TO THE EAST BANK OF MILLRACE, THENCE N'LY ALONG THE EAST BANK OF MILLRACE TO THE N ROW LINE OF THE ANN ARBOR RR AS IT CROSSES THE MILLRACE, THENCE NW'LY ALONG THE N'LY ROW LINE OF RR ROW TO THE POINT WHERE IT INTERSECTS THE CENTER OF THE CHIPPEWA RIVER, THENCE E'LY ALONG THE CENTER OF SAID RIVER TO A POINT 133 FT W OF THE N-S 1/4 LINE OF SEC 15, THENCE S TO THE S LINE OF THE AARR ROW, THENCE SW'LY ALONG THE S LINE OF SAID ROW TO A POINT N OF THE POINT OF BEGINNING, THENCE S TO THE POINT OF BEGINNING. EXCEPT THAT PORTION LYING EAST OF THE FOLLOWING LINE: COMMENCING AT THE CENTER OF SECTION 15, T14N R4W, ***BALANCE OF DESCRIPTION ON FILE***	Gravel Road								
	Paved Road								
	Storm Sewer								
	Sidewalk								
	Water								
	Sewer								
	Electric								
	Gas								
	Curb								
	Street Lights								
	Standard Utilities								
	Underground Utils.								
	Topography of Site								
	Level								
	Rolling								
	Low								
	High								
	Landscaped								
	Swamp								
	Wooded								
	Pond								
	Waterfront								
	Ravine								
	Wetland								
	Flood Plain								
Comments/Influences			Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
SPLIT FROM PARCEL 15826 FOR 2005 - SEE DEED RECORDED IN LIBER 1231 PAGE 0601 DATED MARCH 1, 2004 BETWEEN EDC AND JAMES E JOHNSON.	Who	When	What	2012	17,700	0	17,700	17,700M	17,700S
LAND VALUE AT .58 PER SQ FT BASED UPON PREV ANALYSIS OF BORDEN BLDG AREA.				2011	17,700	0	17,700		17,700S
The Equalizer. Copyright (c) 1999 - 2009. Licensed To: City of Mt Pleasant, County of Isabella				2010	17,700	0	17,700		17,646C
				2009	17,700	0	17,700		17,700S

*** Information herein deemed reliable but not guaranteed***



15823
EDC
4.25

ISLAND PARK
S ISLAND PARK
DRIVE

1.65 AC
71.900 A
79%
1.40

4.84

4 AC
174,100
71%
3.44

AS PER DPW

DPW

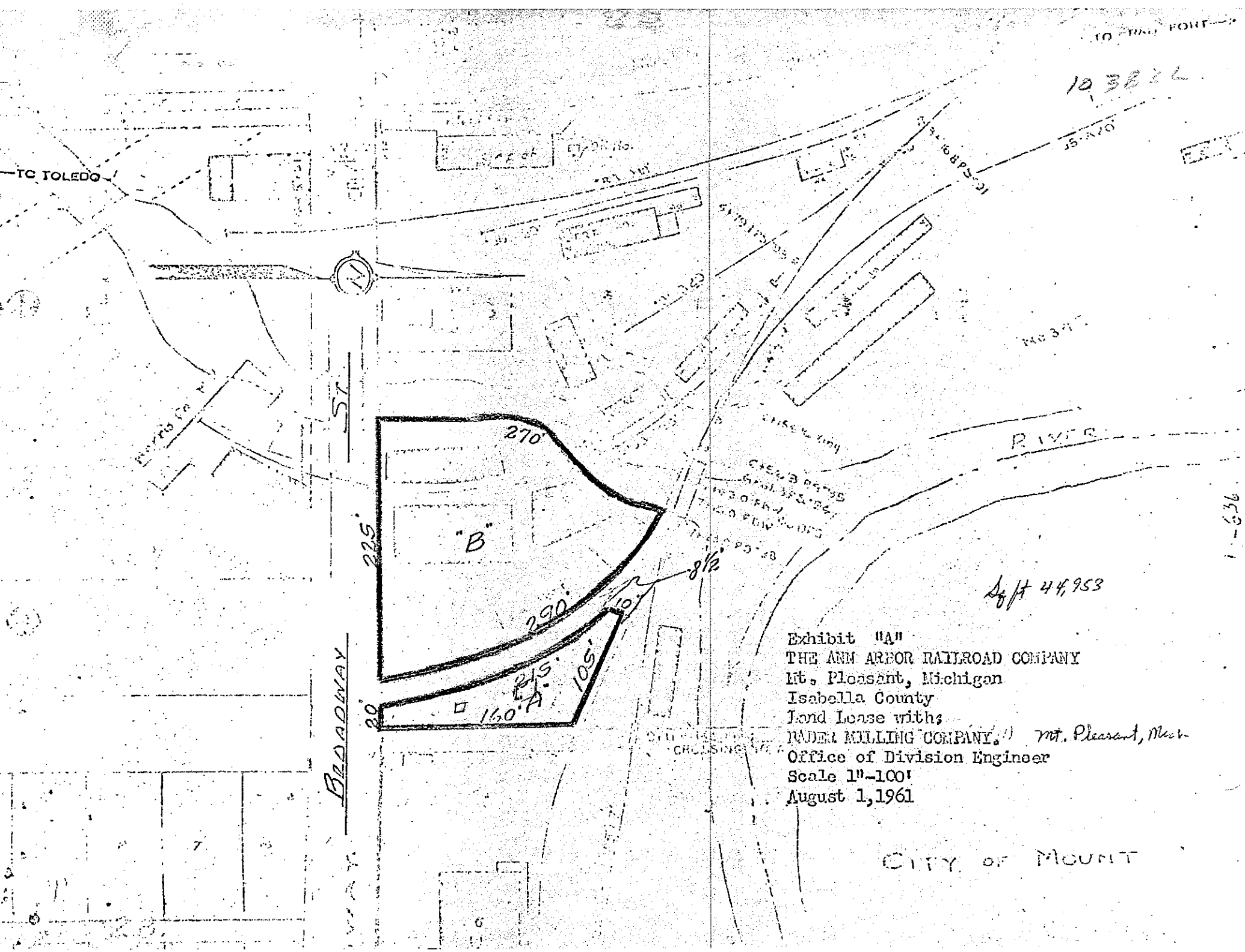
246,000

65 AC

TO PORT
10,382 L

TO TOLEDO

BROADWAY



Sheet 44,953

Exhibit "A"
THE ANN ARBOR RAILROAD COMPANY
Mt. Pleasant, Michigan
Isabella County
Land Lease with;
RADEK MILLING COMPANY, Mt. Pleasant, Mich.
Office of Division Engineer
Scale 1"=100'
August 1, 1961

CITY OF MOUNT

1-636

OWNERSHIP RECORD AND DESCRIPTION

37-170-999-000-103-00 ACRES 0.00
 CL 250 SD 37-007 ZC 03-00103
 SEYBERT, TERRANCE J 06/16/83
 PO BOX 63
 MT PLEASANT MI 48858
 BLDG LSE LAND

LAND TO ACCT # 11023

Ann Arbor R.R. Co.

1975 - FEED HOPPER MISSED SINCE 1971 -

BUILDING PERMIT RECORD

DATE	AMOUNT	PURPOSE

APPRAISAL SUMMARY

YEAR	LAND	BLDGS.	TOTAL
71		4480	4480
75		12950	12950

ASSESSMENT SUMMARY

YEAR	LAND	BLDGS.	TOTAL
75		12950	12950

OWNERSHIP RECORD

DATE	VOL	PAGE	CONSIDERATION

APPRAISAL SUMMARY

YEAR	LAND	BLDGS.	TOTAL

ASSESSMENT SUMMARY

YEAR	LAND	BLDGS.	TOTAL

EXPLANATION FOR LAND ADJUSTMENT

Lease 634

LOANED TO

BEDOR MILLING CO

LAND APPROX

LAND RECORD AND COMPUTATION OF VALUE

APPRAISAL SUMMARY

FRONT	REAR	FRONT FIGURED	DEPTH AVE.	F. F. PRICE	DEPTH PER CENT	ACTUAL F. F. PRICE	SUB TOTAL	CORNER INFL.	\$ ADJUSTMENT	TOTAL
		APPROX	10,503 ft	@ 25¢/ft						2500

YEAR	LAND	BLDGS.	TOTAL

ASSESSMENT SUMMARY

YEAR	LAND	BLDGS.	TOTAL

DISTRICT TREND	IMPROVING	STATIC	DECLINING	WARD	ZONE
DRIVEWAY	RIBBON	SLAB	GRAVEL	STONE	
ROAD	PAVED	GRAVEL	DIRT	SIDEWALK	
UTILITIES	NO GAS	NO WATER	NO ELECTRIC	NO SEWER	NO TELEPHONE
TOPOGRAPHY	LOW	HIGH	ROUGH	BRUSH	LANDSCAPING
					POOR
					AVE.
					GOOD

APPENDIX C

RECONNAISSANCE PHOTOGRAPHS



Southeast corner of lot – facing west



Southeast corner of lot – facing northwest



Southeast corner of lot – facing north



Southeast corner of lot – facing east



Southwest corner of lot – facing north



Southwest corner of lot – facing northeast



Southwest corner of lot – facing east



Northwest corner of lot - facing east



Northwest corner of lot - facing southeast



Northwest corner of lot - facing south



Northwest corner of lot - facing east



Northwest corner of lot - facing west



PROPERTY PHOTOGRAPHS
Parcel "B"
320 West Broadway Street
Mount Pleasant, Michigan

Taken by: DWK
December 14, 2012

Project No: 79400s-13-26

APPENDIX D

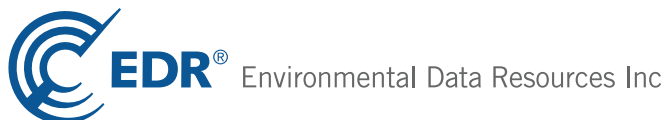
STANDARD ENVIRONMENTAL RECORD DATABASE REPORT

Parcel B

320 West Broadway Street
Mount Pleasant, MI 48858

Inquiry Number: 3479866.1s
December 18, 2012

The EDR Radius Map™ Report



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	49
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

320 WEST BROADWAY STREET
MOUNT PLEASANT, MI 48858

COORDINATES

Latitude (North): 43.6048000 - 43° 36' 17.28"
Longitude (West): 84.7806000 - 84° 46' 50.16"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 679122.6
UTM Y (Meters): 4830158.0
Elevation: 753 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 43084-E7 MOUNT PLEASANT, MI
Most Recent Revision: 1973

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BROADWAY, 320 W. 320 W. BROADWAY MT. PLEASANT, MI 48858	SHWS Facility Status: Interim Response conducted - No further activities anticipated BEA	N/A
FORMER BORDEN PROPERTY/ADJOINING 320 W. BROADWAY ST. MOUNT PLEASANT, MI	BEA	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities Database
WDS..... Waste Data System

State and tribal registered storage tank lists

AST..... Aboveground Tanks

EXECUTIVE SUMMARY

FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS..... Delisted List of Contaminated Sites

CDL..... Clandestine Drug Lab Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LIENS..... Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

DOD..... Department of Defense Sites

FUDS..... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

ROD..... Records Of Decision

UMTRA..... Uranium Mill Tailings Sites

MINES..... Mines Master Index File

TRIS..... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act

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

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Database
DRYCLEANERS.....	Drycleaning Establishments
NPDES.....	List of Active NPDES Permits
AIRS.....	Permit and Emissions Inventory Data
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH.....	Coal Ash Disposal Sites
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOTAL PETROLEUM INC ROOSEVELT	600 W PICKARD ST	NNW 1/4 - 1/2 (0.492 mi.)	J33	39

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CENTRAL COLLISION INC	109 S OAK ST	SE 0 - 1/8 (0.038 mi.)	B8	11
GTE NORTH	303 N MAIN ST	ENE 1/8 - 1/4 (0.223 mi.)	17	22

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 10/31/2012 has revealed that there are 9 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONNEGER'S GRAIN ELEVATOR Facility Status: Interim Response in progress	411 W. BROADWAY	SSE 0 - 1/8 (0.027 mi.)	B4	9
SANDELS SERVICE INC Facility Status: See Leaking Underground Storage Tank Site Database	226 S MAIN ST	ESE 1/8 - 1/4 (0.226 mi.)	F18	24
MAIN ST. 802 N., MT. PLEASANT Facility Status: Inactive - no actions taken to address contamination	802 N. MAIN ST.	NNE 1/4 - 1/2 (0.465 mi.)	I29	37
TOTAL PETROLEUM INC ROOSEVELT Facility Status: Interim Response in progress	600 W PICKARD ST	NNW 1/4 - 1/2 (0.492 mi.)	J32	38
CHIP CO DBA CHIPPEWA BEVERAGE Facility Status: Inactive - no actions taken to address contamination	210 W PICKARD	NNE 1/4 - 1/2 (0.493 mi.)	K34	39
PICKARD INDUSTRIAL PARK INC Facility Status: Interim Response in progress	711 W PICKARD ST	NNW 1/2 - 1 (0.511 mi.)	37	43
MICHCON MT PLEASANT SITE Facility Status: Interim Response in progress	111 E. PICKARD AVE	NNE 1/2 - 1 (0.524 mi.)	L38	47
HARRIS 1101 N, MT. PLEASANT Facility Status: Inactive - no actions taken to address contamination	1011 N. HARRIS	NW 1/2 - 1 (0.562 mi.)	40	48
MT. PLEASANT AUTO ELECTRIC Facility Status: See Leaking Underground Storage Tank Site Database	111 S. MISSION	E 1/2 - 1 (0.648 mi.)	41	48

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 08/06/2012 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ISABELLA COUNTY Facility Status: Open	201 N MAIN ST	E 1/8 - 1/4 (0.202 mi.)	E12	17
SANDELS SERVICE INC Facility Status: Open	226 S MAIN ST	ESE 1/8 - 1/4 (0.226 mi.)	F18	24
GTE NORTH INC Facility Status: Closed	303 S MAIN ST	SE 1/4 - 1/2 (0.252 mi.)	G21	29
CRISIS CENTER INC Facility Status: Closed	107 E ILLINOIS ST	SE 1/4 - 1/2 (0.255 mi.)	G23	31
MT. PLEASANT TIRE CO Facility Status: Open	120 S FANCHER ST	E 1/4 - 1/2 (0.434 mi.)	H26	33
PICKARD STREET Facility Status: Open	600 W PICKARD ST	NNW 1/4 - 1/2 (0.492 mi.)	J30	37
CHIP CO DBA CHIPPEWA BEVERAGE Facility Status: Closed	210 W PICKARD	NNE 1/4 - 1/2 (0.493 mi.)	K34	39

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

A review of the INDIAN LUST list, as provided by EDR, and dated 04/12/2012 has revealed that there are 5 INDIAN LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANDEL'S SERVICE INC	226 S MAIN STREET	ESE 1/8 - 1/4 (0.226 mi.)	F19	27
GTE NORTH INC	303 S MAIN STREET	SE 1/4 - 1/2 (0.252 mi.)	G22	30
CRISIS CENTER	107 E ILLINOIS	SE 1/4 - 1/2 (0.255 mi.)	G24	32
MT PLEASANT TIRE CO	120 S FANCHER	E 1/4 - 1/2 (0.434 mi.)	H25	33
CHIP CO. DBA CHIPPEWA BEVERAGE	210 W. PICKARD	NNE 1/4 - 1/2 (0.493 mi.)	K35	41

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 08/06/2012 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JACK DORMEIER	411 W BROADWAY	SE 0 - 1/8 (0.030 mi.)	B6	10
SHEPPS TIRE SERVICE	122 S WASHINGTON ST	ESE 1/8 - 1/4 (0.155 mi.)	C9	13

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ISABELLA COUNTY	201 N MAIN ST	E 1/8 - 1/4 (0.202 mi.)	E12	17
ISABELLA COUNTY	200 NORTH MAIN ST	E 1/8 - 1/4 (0.203 mi.)	E13	18
SANDELS SERVICE INC	226 S MAIN ST	ESE 1/8 - 1/4 (0.226 mi.)	F18	24

INDIAN UST: A listing of underground storage tank locations on Indian Land.

A review of the INDIAN UST list, as provided by EDR, and dated 04/12/2012 has revealed that there are 4 INDIAN UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HONEGGERS & CO INC	411 W BROADWAY	SSE 0 - 1/8 (0.027 mi.)	B5	9
SHEPPS TIRE SERVICE	122 S WASHINGTON STREET	ESE 1/8 - 1/4 (0.155 mi.)	C10	14
ISABELLA COUNTY	200 N MAIN STREET	E 1/8 - 1/4 (0.203 mi.)	E14	19
SANDEL'S SERVICE INC	226 S MAIN STREET	ESE 1/8 - 1/4 (0.226 mi.)	F20	27

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, and dated 07/27/2012 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANDELS SERVICE INC	226 S MAIN ST	ESE 1/8 - 1/4 (0.226 mi.)	F18	24

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2012 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MI DEPT/NATURAL RESOURCES AND	11 W BROADWAY ST	E 1/8 - 1/4 (0.201 mi.)	D11	15
THE SHERWIN WILLIAMS CO	111 E BROADWAY ST	E 1/8 - 1/4 (0.210 mi.)	D16	20

EXECUTIVE SUMMARY

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 08/20/2012 has revealed that there are 7 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HONEGGERS ELEVATOR SITE	411 W. BROADWAY ST.	SSE 0 - 1/8 (0.027 mi.)	B3	8
FORMER CENTRAL COLLISION	109 OAK	SE 0 - 1/8 (0.038 mi.)	B7	11
Not reported	222 N. MAIN	ENE 1/8 - 1/4 (0.206 mi.)	E15	20
LUX RUSH FUNERAL HOME	503 E BROADWAY	E 1/4 - 1/2 (0.435 mi.)	H27	35
TRAINES PROPERTY	802 N. MAIN ST.	NNE 1/4 - 1/2 (0.465 mi.)	I28	36
Not reported	600 WEST PICKARD STREET	NNW 1/4 - 1/2 (0.492 mi.)	J31	38
STORE & DIST PETROLEUM PRODUCT	616 WEST PICKARD STREET	NNW 1/4 - 1/2 (0.494 mi.)	J36	42

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

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ISABELLA INDIAN RESERVATION		0 - 1/8 (0.000 mi.)	0	8

EDR PROPRIETARY RECORDS

EDR Proprietary Records

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

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

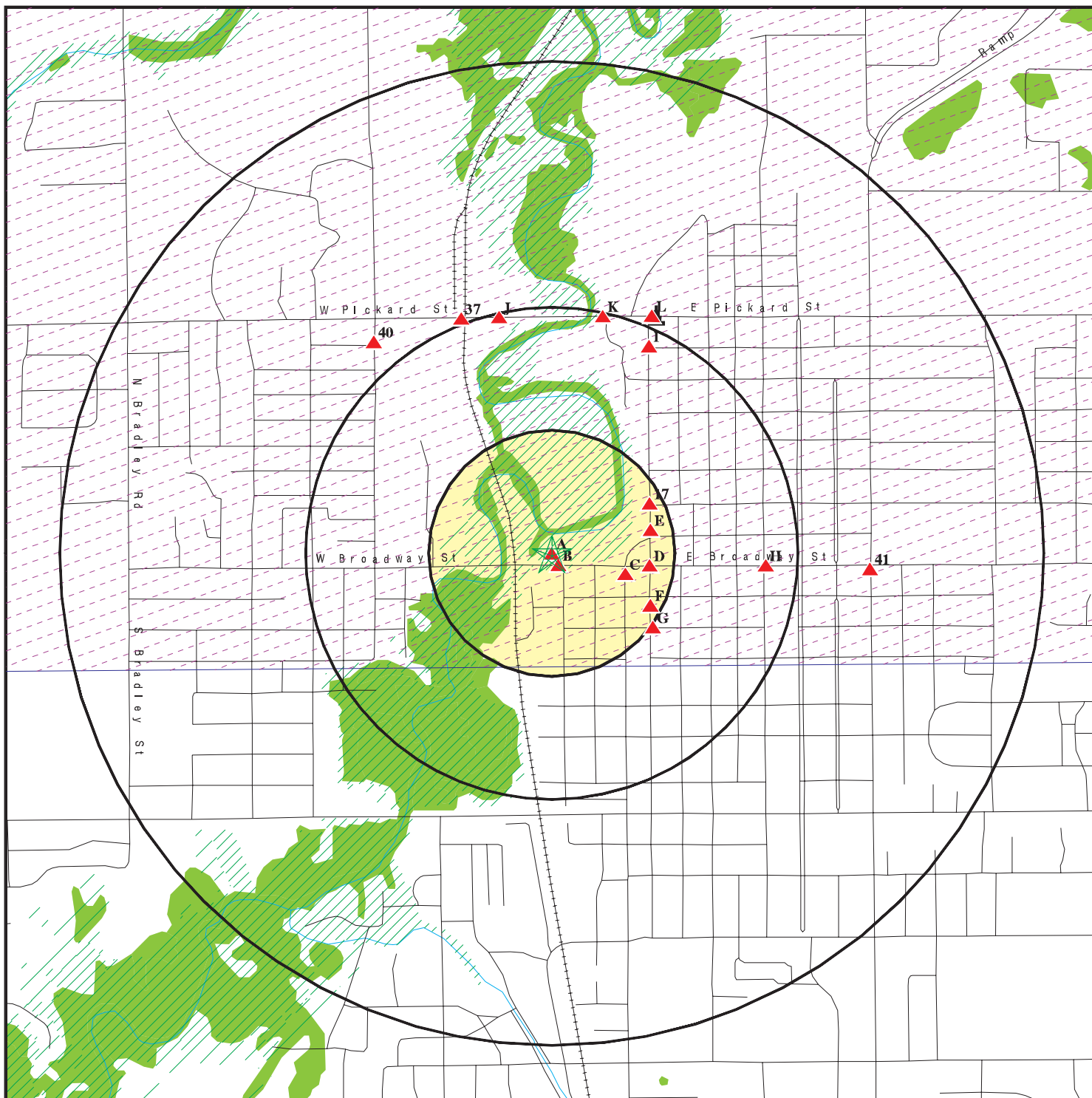
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY GAS CO	111 E PRICKARD	NNE 1/2 - 1 (0.524 mi.)	L39	48

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

<u>Site Name</u>	<u>Database(s)</u>
IMPERIAL OIL BENZONIA	LUST, UST, WDS
UNITED PARCEL SERVICE INC	WDS
FUSSMAN RACE TRACK	SHWS
MISSION, 799 SOUTH	SHWS
MT PLEASANT CITY OF	SHWS
MDOT	SHWS, LUST, UST
TWO RIVERS SITE	CERC-NFRAP
MT PLEASANT EXCAVATING SERV	UST
MI DEPT/NATURAL RESOURCES AND ENVI	RCRA-NonGen, FINDS
MI DEPT/TRANSPORTATION	RCRA-NonGen, FINDS
ALVINO FORK LIFT	RCRA-NonGen
MI DEPT/TRANSPORTATION	RCRA-NonGen, FINDS
PHOENIX MOTOR EXPRESS	RCRA-NonGen
UNITED PARCEL SERVICE INC	RCRA-CESQG, FINDS
HENNIGER'S ELEVATOR	US BROWNFIELDS, FINDS
HONNIGERS ELEVATOR	US BROWNFIELDS, FINDS
BGL ASSETS/B&L GEARS	BEA
PARCEL 17-000-15827-00	BEA
	BEA
	BEA
	BEA
	BEA
	BEA
NORTHWEST CORNER OF MISSION & MOSH	INDIAN LUST, INDIAN UST
FORMER LUMBER MILL	INDIAN UST
UNITED PARCEL SERVICE	
C J EQUIPMENT SERVICE INC	

OVERVIEW MAP - 3479866.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites

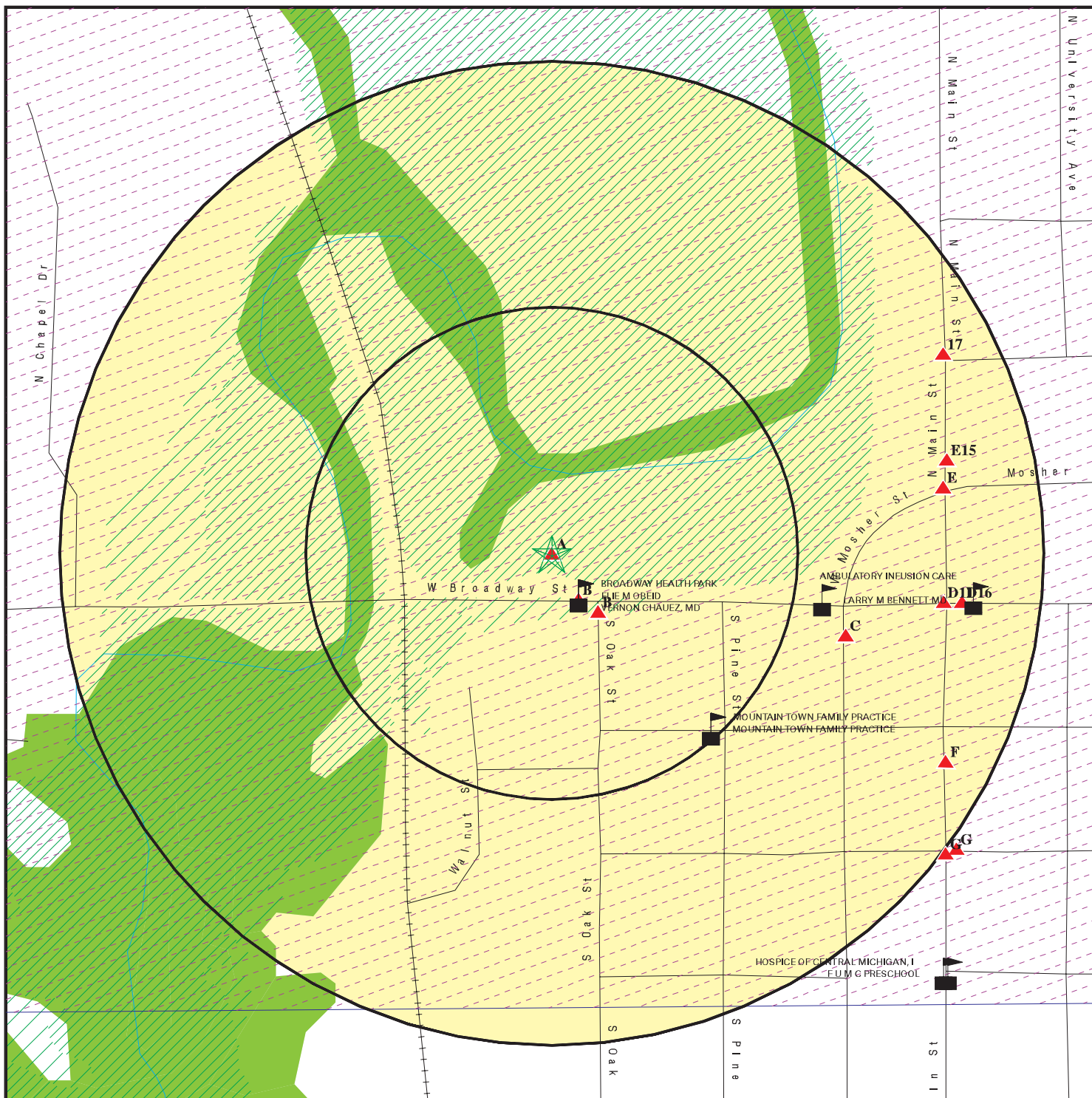
- ▨ Indian Reservations BIA
- ⚡ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Parcel B
 ADDRESS: 320 West Broadway Street
 Mount Pleasant MI 48858
 LAT/LONG: 43.6048 / 84.7806

CLIENT: AKT Peerless Environmental Svc
 CONTACT: Dennis Kendall
 INQUIRY #: 3479866.1s
 DATE: December 18, 2012 3:35 pm

DETAIL MAP - 3479866.1s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Parcel B
 ADDRESS: 320 West Broadway Street
 Mount Pleasant MI 48858
 LAT/LONG: 43.6048 / 84.7806

CLIENT: AKT Peerless Environmental Svc
 CONTACT: Dennis Kendall
 INQUIRY #: 3479866.1s
 DATE: December 18, 2012 3:37 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000	1	1	1	3	4	NR	10
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	2	5	NR	NR	7
INDIAN LUST	0.500		0	1	4	NR	NR	5
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	4	NR	NR	NR	5

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		1	3	NR	NR	NR	4
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	1	0	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	2	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
BEA	0.500	2	2	1	4	NR	NR	9
INDIAN RESERV	1.000		1	0	0	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	1	NR	1
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

BROADWAY, 320 W.
320 W. BROADWAY
MT. PLEASANT, MI 48858

SHWS **S108228823**
BEA **N/A**

Site 1 of 2 in cluster A

Actual:
753 ft.

SHWS:

Facility ID: 37000143
Facility Status: Interim Response conducted - No further activities anticipated
Source: Food & Kindred Products
SAM Score: 23
SAM Score Date: 09/22/2005
Township: 14N
Range: 04W
Section: 15
Quarter: NW
Quarter/Quarter: SE
Pollutants: Pb

BEA:

Secondary Address: Not reported
BEA Number: 818
District: Saginaw Bay
Date Received: 04/16/2007
Submitter Name: Economic Development Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: lyonmr
Division Assigned: Environmental Response Division

A2
Target
Property

FORMER BORDEN PROPERTY/ADJOINING PARCEL
320 W. BROADWAY ST.
MOUNT PLEASANT, MI

BEA **S104911105**
N/A

Site 2 of 2 in cluster A

Actual:
753 ft.

BEA:

Secondary Address: Not reported
BEA Number: 359
District: Saginaw Bay
Date Received: 12/15/2000
Submitter Name: Mt. Pleasant Central Business District
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: klannr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 360
District: Saginaw Bay
Date Received: 12/15/2000
Submitter Name: Mt. Pleasant Economic Development Corp.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BORDEN PROPERTY/ADJOINING PARCEL (Continued)

S104911105

Determination 20107A: No Request
Reviewer: klannr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 361
District: Saginaw Bay
Date Received: 12/15/2000
Submitter Name: Brownfield Development Corp.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: klannr
Division Assigned: Environmental Response Division

**IND RES
Region**

ISABELLA INDIAN RESERVATION

INDIAN RESERV

**CIND100203
N/A**

**< 1/8
1 ft.**

ISABELLA INDIAN RESERVATI (County), MI

INDIAN RESERV:

Feature: Indian Reservation
Name: Isabella Indian Reservation
Agency: BIA
State: MI

**B3
SSE
< 1/8
0.027 mi.
142 ft.**

FORMER HONEGGERS ELEVATOR SITE

**BEA S105541732
N/A**

**411 W. BROADWAY ST.
MOUNT PLEASANT, MI**

Site 1 of 6 in cluster B

**Relative:
Higher**

BEA:
Secondary Address: Not reported
BEA Number: 115
District: Saginaw Bay
Date Received: 11/24/1997
Submitter Name: Jack Doremire
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tempm
Division Assigned: Environmental Response Division

**Actual:
758 ft.**

Secondary Address: Not reported
BEA Number: 258
District: Saginaw Bay
Date Received: 11/02/1999
Submitter Name: Brownfield Development Corporation
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER HONEGGERS ELEVATOR SITE (Continued)

S105541732

Reviewer: temppm
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 262
District: Saginaw Bay
Date Received: 11/23/1999
Submitter Name: City of Mt. Pleasant
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 198
District: Saginaw Bay
Date Received: 02/04/1999
Submitter Name: C & M Properties
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

**B4
SSE
< 1/8
0.027 mi.
142 ft.**

**HONNEGER'S GRAIN ELEVATOR
411 W. BROADWAY
MT. PLEASANT, MI 48858
Site 2 of 6 in cluster B**

**SHWS S103594790
N/A**

**Relative:
Higher**

SHWS:
Facility ID: 37000125
Facility Status: Interim Response in progress
Source: Not reported
SAM Score: 23
SAM Score Date: 07/29/2004
Township: 14N
Range: 04W
Section: 15
Quarter: SE
Quarter/Quarter: NW
Pollutants: DBP; Pb; PNAs

**Actual:
758 ft.**

**B5
SSE
< 1/8
0.027 mi.
142 ft.**

**HONEGGERS & CO INC
411 W BROADWAY
MOUNT PLEASANT, MI 48858
Site 3 of 6 in cluster B**

**INDIAN UST 1009387228
N/A**

**Relative:
Higher**

Indian UST:
Region: 5
Facility ID: 00001217
State ID: Not reported

**Actual:
758 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONEGGERS & CO INC (Continued)

1009387228

Owner Name: Honeggers & Co Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 3/4/1971
Date closed: 10/1/1997
UST type: Petroleum
Capacity: 3000
Tank ID: 1

**B6
SE
< 1/8
0.030 mi.
158 ft.**

**JACK DORMEIER
411 W BROADWAY
MT PLEASANT, MI 48893
Site 4 of 6 in cluster B**

**UST U003425801
N/A**

**Relative:
Higher**

UST:
Facility ID: 00001217
Facility Type: CLOSED
Latitude: 43.60423
Longitude: -84.78039
Owner Name: JACK DORMEIER
Owner Address: 9977 W JORDAN RD
Owner City,St,Zip: WEIDMAN, MI 48893-9639
Owner Country: USA
Owner Contact: Not reported
Owner Phone: () -
Contact: DICK BARNARD
Contact Phone: (517) 772-2964
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

**Actual:
759 ft.**

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 3000
Install Date: 03/04/1971
Product: Diesel
Remove Date: 12/19/1996
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B7
SE
< 1/8
0.038 mi.
199 ft.

FORMER CENTRAL COLLISION
109 OAK
MOUNT PLEASANT, MI
Site 5 of 6 in cluster B

BEA **S105541741**
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 224
District: Saginaw Bay
Date Received: 05/24/1999
Submitter Name: Michigan Building, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Actual:
760 ft.

B8
SE
< 1/8
0.038 mi.
203 ft.

CENTRAL COLLISION INC
109 S OAK ST
MOUNT PLEASANT, MI 48858
Site 6 of 6 in cluster B

RCRA-CESQG **1004723943**
FINDS **MID985652767**

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 10/19/1992
Facility name: CENTRAL COLLISION INC
Facility address: 109 S OAK ST
MOUNT PLEASANT, MI 48858
EPA ID: MID985652767
Contact: CHRIS WOJTOWICZ
Contact address: 109 S OAK ST
MOUNT PLEASANT, MI 48858
Contact country: US
Contact telephone: (517) 773-9206
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
761 ft.

Owner/Operator Summary:
Owner/operator name: WOJTOWICZ CHRIS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CENTRAL COLLISION INC (Continued)

1004723943

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: WOJTOWICZ CHRIS
Owner/operator address: Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110003675933

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C9
ESE
1/8-1/4
0.155 mi.
818 ft.

SHEPPS TIRE SERVICE
122 S WASHINGTON ST
MT PLEASANT, MI 48858

Site 1 of 2 in cluster C

UST **U001777104**
N/A

Relative:
Higher

UST:

Actual:
770 ft.

Facility ID: 00037349
Facility Type: CLOSED
Latitude: 43.60407
Longitude: -84.77786
Owner Name: SHEPPS TIRE SERV
Owner Address: 122 S WASHINGTON ST
Owner City,St,Zip: MT PLEASANT, MI 48858-2513
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 773-7481
Contact: JAMES SHEPPARD
Contact Phone: (517) 773-7481
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 6000
Install Date: Not reported
Product: Gasoline
Remove Date: 05/12/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel,Unknown
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 4000
Install Date: Not reported
Product: Gasoline
Remove Date: 05/12/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel,Unknown
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 1000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPS TIRE SERVICE (Continued)

U001777104

Install Date: Not reported
Product: Gasoline
Remove Date: 05/12/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel, Unknown
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 500
Install Date: Not reported
Product: Gasoline
Remove Date: 05/12/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel, Unknown
Impressed Device: No

Tank ID: 5
Tank Status: Closed in Ground
Capacity: 275
Install Date: Not reported
Product: Used Oil
Remove Date: 05/28/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: No Valve At Tank
Construction Material: Asphalt Coated or Bare Steel, Unknown
Impressed Device: No

C10
ESE
1/8-1/4
0.155 mi.
818 ft.

SHEPPS TIRE SERVICE
122 S WASHINGTON STREET
MOUNT PLEASANT, MI 48858

INDIAN UST 1009387336
N/A

Site 2 of 2 in cluster C

Relative:
Higher

INDIAN UST:
Region: 5
Facility ID: 00037349
State ID: Not reported
Owner Name: Shepps Tire Service
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 5/12/1993
UST type: Petroleum
Capacity: 6000
Tank ID: 1

Actual:
770 ft.

Region: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHEPPS TIRE SERVICE (Continued)

1009387336

Facility ID: 00037349
State ID: Not reported
Owner Name: Shepps Tire Service
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 5/12/1993
UST type: Petroleum
Capacity: 4000
Tank ID: 2

Region: 5
Facility ID: 00037349
State ID: Not reported
Owner Name: Shepps Tire Service
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 5/12/1993
UST type: Petroleum
Capacity: 1000
Tank ID: 3

Region: 5
Facility ID: 00037349
State ID: Not reported
Owner Name: Shepps Tire Service
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 5/12/1993
UST type: Petroleum
Capacity: 500
Tank ID: 4

Region: 5
Facility ID: 00037349
State ID: Not reported
Owner Name: Shepps Tire Service
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 5/28/1993
UST type: Petroleum
Capacity: 275
Tank ID: 5

D11
East
1/8-1/4
0.201 mi.
1059 ft.

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT
11 W BROADWAY ST
MOUNT PLEASANT, MI 48858
Site 1 of 2 in cluster D

RCRA-NonGen 1007102326
MIP200001675

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 01/01/1980
Facility name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT
Facility address: 11 W BROADWAY ST
MOUNT PLEASANT, MI 48858

Actual:
771 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued)

1007102326

EPA ID: MIP200001675
Mailing address: 11 W BROADWAY
MOUNT PLEASANT, MI 48858
Contact: MICHAEL JURY
Contact address: 11 W BROADWAY ST
MOUNT PLEASANT, MI 48858
Contact country: US
Contact telephone: (517) 686-8025
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MI DEPT OF ENVIRONMENTAL QUALITY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 11/09/2001
Owner/Op end date: Not reported

Owner/operator name: MI DEPT OF ENVIRONMENTAL QUALITY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 11/09/2001
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued)

1007102326

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

E12
East
1/8-1/4
0.202 mi.
1065 ft.

ISABELLA COUNTY
201 N MAIN ST
MT PLEASANT, MI 48858

LUST U003834521
UST N/A

Site 1 of 4 in cluster E

Relative:
Higher

LUST:

Facility ID: 00036838
Source: STATE OF MICHIGAN
Owner Name: Isabella County
Owner Address: 200 N Main St
Owner City,St,Zip: Mount Pleasant, MI 48858
Owner Contact: Not reported
Owner Phone: (517) 772-0911
Country: USA
District: Saginaw Bay District Office
Site Name: Isabella County
Latitude: 43.60530
Longitude: -84.77688
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0231-06
Release Date: 07/14/2006
Substance Released: Gasoline,Gasoline
Release Status: Open
Release Closed Date: Not reported

Actual:
770 ft.

UST:

Facility ID: 00036838
Facility Type: CLOSED
Latitude: 43.60530
Longitude: -84.77688
Owner Name: ISABELLA COUNTY
Owner Address: 200 N MAIN ST
Owner City,St,Zip: MOUNT PLEASANT, MI 48858
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 772-0911
Contact: Mr Tim Dolehanty
Contact Phone: (616) 534-4909
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ISABELLA COUNTY (Continued)

U003834521

Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Not reported
Product: Fuel-Oil
Remove Date: 10/28/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Unknown
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 2000
Install Date: Not reported
Product: Gasoline
Remove Date: 07/25/2006
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 12000
Install Date: Not reported
Product: Gasoline
Remove Date: 07/25/2006
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

E13 ISABELLA COUNTY
East 200 NORTH MAIN ST
1/8-1/4 MT PLEASANT, MI 48858
0.203 mi.
1074 ft. Site 2 of 4 in cluster E

UST U000255700
N/A

Relative: Higher UST:
Facility ID: 00010619
Facility Type: CLOSED
Actual: 770 ft. Latitude: 43.60531
Longitude: -84.77650
Owner Name: ISABELLA COUNTY
Owner Address: 200 N MAIN ST
Owner City,St,Zip: MOUNT PLEASANT, MI 48858

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ISABELLA COUNTY (Continued)

U000255700

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 772-0911
Contact: R TERRONEZ
Contact Phone: (517) 772-0911
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 05/01/1962
Product: Gasoline
Remove Date: 08/01/1989
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 550
Install Date: 05/01/1978
Product: Gasoline
Remove Date: 01/01/1988
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

E14
East
1/8-1/4
0.203 mi.
1074 ft.

ISABELLA COUNTY
200 N MAIN STREET
MOUNT PLEASANT, MI 48858

INDIAN UST 1014356574
N/A

Site 3 of 4 in cluster E

Relative:
Higher

INDIAN UST:
Region: 5
Facility ID: 00010619
State ID: Not reported
Owner Name: Isabella County Parks & Recreation
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 5/1/1962
Date closed: 8/1/1989
UST type: Petroleum
Capacity: 10000

Actual:
770 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ISABELLA COUNTY (Continued)

1014356574

Tank ID: 1
Region: 5
Facility ID: 00010619
State ID: Not reported
Owner Name: Isabella County Parks & Recreation
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 5/1/1978
Date closed: 1/1/1988
UST type: Petroleum
Capacity: 550
Tank ID: 2

E15
ENE
1/8-1/4
0.206 mi.
1089 ft.

222 N. MAIN
MOUNT PLEASANT, MI 48858

BEA S109847229
N/A

Site 4 of 4 in cluster E

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 978
District: Saginaw Bay
Date Received: 06/22/2009
Submitter Name: Mr. Rod Kirby
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: persona
Division Assigned: Storage Tank Division

Actual:
770 ft.

D16
East
1/8-1/4
0.210 mi.
1108 ft.

THE SHERWIN WILLIAMS CO
111 E BROADWAY ST
MOUNT PLEASANT, MI 48858

RCRA-NonGen 1000371231
FINDS MID017260001

Site 2 of 2 in cluster D

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 08/18/1980
Facility name: THE SHERWIN WILLIAMS CO
Facility address: 111 E BROADWAY ST
MOUNT PLEASANT, MI 48858
EPA ID: MID017260001
Contact: D ALEXANDER
Contact address: 111 E BROADWAY ST
MOUNT PLEASANT, MI 48858
Contact country: US
Contact telephone: (216) 566-3096
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
771 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE SHERWIN WILLIAMS CO (Continued)

1000371231

Owner/Operator Summary:

Owner/operator name: SHERWIN WILLIAMS CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: SHERWIN WILLIAMS CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110003589572

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THE SHERWIN WILLIAMS CO (Continued)

1000371231

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

17
ENE
1/8-1/4
0.223 mi.
1179 ft.

GTE NORTH
303 N MAIN ST
MOUNT PLEASANT, MI 48858

RCRA-CESQG **1004724307**
FINDS **MID985666148**

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 09/02/1993
 Facility name: GTE NORTH
 Facility address: 303 N MAIN ST
 MOUNT PLEASANT, MI 48858
 EPA ID: MID985666148
 Contact: THOMAS POTTSCHMIDT
 Contact address: 303 N MAIN ST
 MOUNT PLEASANT, MI 48858
 Contact country: US
 Contact telephone: (219) 461-2138
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Actual:
770 ft.

Owner/Operator Summary:

Owner/operator name: GTE NORTH INCORP
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: Not reported
 Owner/operator telephone: Not reported
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: 01/01/1970
 Owner/Op end date: Not reported
 Owner/operator name: GTE NORTH INCORP
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GTE NORTH (Continued)

1004724307

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110003685806

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F18 **SANDELS SERVICE INC**
ESE **226 S MAIN ST**
1/8-1/4 **MT PLEASANT, MI 48858**
0.226 mi.
1195 ft. **Site 1 of 3 in cluster F**

SHWS **U000255710**
LUST **N/A**
UST
BROWNFIELDS

Relative:
Higher

SHWS:

Facility ID: 37000070
Facility Status: See Leaking Underground Storage Tank Site Database
Source: Gasoline Service Station
SAM Score: 38
SAM Score Date: 08/25/2006
Township: 14N
Range: 04W
Section: 15
Quarter: SE
Quarter/Quarter: NW
Pollutants: Benzene; Xylenes

Actual:
772 ft.

LUST:

Facility ID: 00016532
Source: STATE OF MICHIGAN
Owner Name: Sandels Serv Inc
Owner Address: 226 S Main St
Owner City,St,Zip: Mt Pleasant, MI 48858-2506
Owner Contact: Not reported
Owner Phone: (517) 773-7246
Country: USA
District: Saginaw Bay District Office
Site Name: Sandell's Service
Latitude: 43.60262
Longitude: -84.77729
Date of Collection: 10/21/2003
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1412-91
Release Date: 07/17/1991
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00016532
Facility Type: ACTIVE
Latitude: 43.60262
Longitude: -84.77729
Owner Name: SANDELS SERV INC
Owner Address: 226 S MAIN ST
Owner City,St,Zip: MT PLEASANT, MI 48858-2506
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 773-7246
Contact: John L. McNeal
Contact Phone: 989-773-7246

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDELS SERVICE INC (Continued)

U000255710

Date of Collection: 10/21/2003
Accuracy: 10
Accuracy Value Unit: METERS
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 3000
Install Date: 04/16/1956
Product: Gasoline
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel, Galvanized Steel
Piping Type: Suction: Valve at Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 2000
Install Date: 04/16/1956
Product: Gasoline
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 4000
Install Date: 04/16/1966
Product: Gasoline
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 4000
Install Date: 04/16/1966
Product: Gasoline
Remove Date: 07/24/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDELS SERVICE INC (Continued)

U000255710

Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 4000
Install Date: 04/16/1966
Product: Gasoline
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground
Capacity: 500
Install Date: 04/16/1956
Product: USED OIL
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 7
Tank Status: Removed from Ground
Capacity: Not reported
Install Date: Not reported
Product: EMPTY
Remove Date: 07/24/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 8
Tank Status: Temporarily out of Use
Capacity: 12000
Install Date: 07/18/1991
Product: Gasoline
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDELS SERVICE INC (Continued)

U000255710

Pipe Release Detection: Interstitial Monitoring Double Walled Piping, Interstitial
Monitoring/Second Containment
Piping Material: Double Walled, Fiberglass reinforced plastic
Piping Type: Suction: No Valve At Tank
Construction Material: Composite(Steel w/Fiberglass)
Impressed Device: No

BROWNFIELD:

Facility ID: 00016532
Region: 1
Status: Not reported
Property Use: Not reported
Use at Time of Listing: Not reported
BEA: No
Ernie Id Number: 37000070

F19
ESE
1/8-1/4
0.226 mi.
1195 ft.
SANDEL'S SERVICE INC
226 S MAIN STREET
MOUNT PLEASANT, MI 48858
Site 2 of 3 in cluster F

INDIAN LUST **1014947641**
N/A

Relative:
Higher

INDIAN LUST:
State ID: C-1412-91
Facility county: ISABELLA
Land type: Not reported
Owner: Sandel's Service Inc
Owner tel: (517) 773-7246
Tribe: Saginaw Chippewa Indian Tribe
Release status: Active
Release date: 7/17/1991
Implementing Agency: MDEQ
Date closed: Not reported

Actual:
772 ft.

F20
ESE
1/8-1/4
0.226 mi.
1195 ft.
SANDEL'S SERVICE INC
226 S MAIN STREET
MOUNT PLEASANT, MI 48858
Site 3 of 3 in cluster F

INDIAN UST **1009387031**
N/A

Relative:
Higher

INDIAN UST:
Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 7/24/1991
UST type: Petroleum
Capacity: Not reported
Tank ID: 7

Region: 5
Facility ID: 00016532
State ID: Not reported

Actual:
772 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDEL'S SERVICE INC (Continued)

1009387031

Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Active
Date installed: 7/18/1991
Date closed: Not reported
UST type: Petroleum
Capacity: 12000
Tank ID: 8

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1956
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 3000
Tank ID: 1

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1956
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 2000
Tank ID: 2

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1966
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 4000
Tank ID: 3

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1966
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 4000
Tank ID: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANDEL'S SERVICE INC (Continued)

1009387031

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1966
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 4000
Tank ID: 5

Region: 5
Facility ID: 00016532
State ID: Not reported
Owner Name: Sandel's Service Inc
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/16/1956
Date closed: 7/24/1991
UST type: Petroleum
Capacity: 500
Tank ID: 6

**G21
SE
1/4-1/2
0.252 mi.
1328 ft.**

**GTE NORTH INC
303 S MAIN ST
MT PLEASANT, MI 46804
Site 1 of 4 in cluster G**

**LUST U000255723
UST N/A**

**Relative:
Higher**

LUST:
Facility ID: 00011223
Source: STATE OF MICHIGAN
Owner Name: Gte North Inc
Owner Address: 8001 W Jefferson Blvd
Owner City,St,Zip: Fort Wayne, IN 46804-4141
Owner Contact: Not reported
Owner Phone: (219) 461-2478
Country: USA
District: Saginaw Bay District Office
Site Name: Gte Telephone Operations
Latitude: 43.60237
Longitude: -84.77647
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

**Actual:
773 ft.**

Leak Number: C-1510-93
Release Date: 12/02/1993
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 02/14/1995

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GTE NORTH INC (Continued)

U000255723

Facility ID: 00011223
Facility Type: CLOSED
Latitude: 43.60237
Longitude: -84.77647
Owner Name: GTE NORTH INC
Owner Address: 8001 W JEFFERSON BLVD
Owner City,St,Zip: FORT WAYNE, IN 46804-4141
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (219) 461-2478
Contact: RICHARD T DAVIS
Contact Phone: (317) 896-6827
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 2140005A
Tank Status: Removed from Ground
Capacity: 2500
Install Date: 04/30/1965
Product: Diesel
Remove Date: 11/22/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

G22
SE
1/4-1/2
0.252 mi.
1330 ft.

GTE NORTH INC
303 S MAIN STREET
MOUNT PLEASANT, MI 48858
Site 2 of 4 in cluster G

INDIAN LUST **1009387224**
INDIAN UST **N/A**

Relative:
Higher

INDIAN LUST:
State ID: C-1510-93
Facility county: ISABELLA
Land type: Not reported
Owner: GTE North Inc
Owner tel: (219) 461-2478
Tribe: Saginaw Chippewa Indian Tribe
Release status: Complete
Release date: 12/2/1993
Implementing Agency: MDEQ
Date closed: 2/14/1995

Actual:
773 ft.

INDIAN UST:
Region: 5
Facility ID: 00011223
State ID: Not reported
Owner Name: GTE North Inc

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GTE NORTH INC (Continued)

1009387224

Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 4/30/1965
Date closed: 11/22/1993
UST type: Petroleum
Capacity: 2500
Tank ID: 1

**G23
SE
1/4-1/2
0.255 mi.
1344 ft.**

**CRISIS CENTER INC
107 E ILLINOIS ST
MT PLEASANT, MI 48858**

**LUST U001777339
UST N/A**

Site 3 of 4 in cluster G

**Relative:
Higher**

LUST:
Facility ID: 00037600
Source: STATE OF MICHIGAN
Owner Name: Crisis Ctr Inc
Owner Address: PO Box 65
Owner City,St,Zip: Mt Pleasant, MI 48804-0065
Owner Contact: Not reported
Owner Phone: (517) 772-2918
Country: USA
District: Saginaw Bay District Office
Site Name: Crisis Center, Inc.
Latitude: 43.60265
Longitude: -84.77643
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1214-93
Release Date: 10/01/1993
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 07/06/1994

**Actual:
773 ft.**

UST:
Facility ID: 00037600
Facility Type: CLOSED
Latitude: 43.60265
Longitude: -84.77643
Owner Name: CRISIS CTR INC
Owner Address: PO BOX 65
Owner City,St,Zip: MT PLEASANT, MI 48804-0065
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 772-2918
Contact: TOM ARMSTRONG
Contact Phone: (517) 772-2918
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISIS CENTER INC (Continued)

U001777339

Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 550
Install Date: Not reported
Product: GAS/DIESEL
Remove Date: 09/24/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: Valve at Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 1000
Install Date: Not reported
Product: GAS/DIESEL
Remove Date: 09/24/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: Valve at Tank
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

G24 **CRISIS CENTER**
SE **107 E ILLINOIS**
1/4-1/2 **MOUNT PLEASANT, MI 48858**
0.255 mi.
1344 ft.

INDIAN LUST **1009387200**
INDIAN UST **N/A**

Relative:
Higher

Site 4 of 4 in cluster G

INDIAN LUST:
State ID: C-1214-93
Facility county: ISABELLA
Land type: Not reported
Owner: Crisis Center
Owner tel: (517) 772-2918
Tribe: Saginaw Chippewa Indian Tribe
Release status: Complete
Release date: 10/1/1993
Implementing Agency: MDEQ
Date closed: 7/6/1994

Actual:
773 ft.

INDIAN UST:
Region: 5
Facility ID: 00037600
State ID: Not reported
Owner Name: Crisis Center
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISIS CENTER (Continued)

1009387200

Date installed: Not reported
Date closed: 9/24/1993
UST type: Petroleum
Capacity: 550
Tank ID: 1

Region: 5
Facility ID: 00037600
State ID: Not reported
Owner Name: Crisis Center
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: Not reported
Date closed: 9/24/1993
UST type: Petroleum
Capacity: 1000
Tank ID: 2

H25
East
1/4-1/2
0.434 mi.
2291 ft.

MT PLEASANT TIRE CO
120 S FANCHER
MOUNT PLEASANT, MI 48858

INDIAN LUST **1014947623**
N/A

Site 1 of 3 in cluster H

Relative:
Higher

INDIAN LUST:
State ID: C-2207-91
Facility county: ISABELLA
Land type: Not reported
Owner: Jeff Grace
Owner tel: (517) 773-5626
Tribe: Saginaw Chippewa Indian Tribe
Release status: Active
Release date: 10/17/1991
Implementing Agency: MDEQ
Date closed: Not reported

Actual:
769 ft.

H26
East
1/4-1/2
0.434 mi.
2291 ft.

MT. PLEASANT TIRE CO
120 S FANCHER ST
MT PLEASANT, MI 48858

LUST **U000255675**
UST **N/A**

Site 2 of 3 in cluster H

Relative:
Higher

LUST:
Facility ID: 00003696
Source: STATE OF MICHIGAN
Owner Name: Jeff Grace
Owner Address: 120 S Fancher St
Owner City,St,Zip: Mt Pleasant, MI 48858-2610
Owner Contact: Not reported
Owner Phone: (517) 773-5626
Country: USA
District: Saginaw Bay District Office
Site Name: Mt. Pleasant Tire Service
Latitude: 43.60410
Longitude: -84.77222
Date of Collection: 01/11/2001

Actual:
769 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MT. PLEASANT TIRE CO (Continued)

U000255675

Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2207-91
Release Date: 10/17/1991
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

UST:

Facility ID: 00003696
Facility Type: CLOSED
Latitude: 43.60410
Longitude: -84.77222
Owner Name: JEFF GRACE
Owner Address: 120 S FANCHER ST
Owner City,St,Zip: MT PLEASANT, MI 48858-2610
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 773-5626
Contact: JEFF GRACE
Contact Phone: (517) 773-5626
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number

Tank ID: 1
Tank Status: Removed from Ground
Capacity: Not reported
Install Date: Not reported
Product: Not reported
Remove Date: 06/30/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: Not reported
Install Date: Not reported
Product: Not reported
Remove Date: 06/30/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MT. PLEASANT TIRE CO (Continued)

U000255675

Piping Type: Not reported
 Construction Material: Asphalt Coated or Bare Steel
 Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
 Capacity: Not reported
 Install Date: Not reported
 Product: Used Oil
 Remove Date: 06/30/1992
 Tank Release Detection: Not reported
 Pipe Release Detection: Not reported
 Piping Material: Galvanized Steel
 Piping Type: Not reported
 Construction Material: Asphalt Coated or Bare Steel
 Impressed Device: No

H27
East
1/4-1/2
0.435 mi.
2299 ft.

LUX RUSH FUNERAL HOME
503 E BROADWAY
MOUNT PLEASNT, MI 48858

AIRS S109094032
BEA N/A

Site 3 of 3 in cluster H

Relative:
Higher

AIRS:

Actual:
769 ft.

El Year:	1991	
State Registration Number:	E1418	
Naics Code:	Not reported	
Contact Name:	Not reported	
Contact Phone:	Not reported	
Contact Address:	Not reported	
Contact City,St,Zip:	Not reported	
Permit Number:	Not reported	
Date Received:	Not reported	
State Registration Number:	E1418	
Country:	Not reported	
Application Reason:	Not reported	
Record Type:	Not reported	
State County FIPS:	Not reported	
Facility Category:	Not reported	
SIC Primary:	7261	
Tribal Code:	Not reported	
Supplemental Location Text:	Not reported	
Dun & Brad Street Number:	Not reported	
Business Name:	LUX - RUSH FUNERAL HOME	
Principal Product:	Not reported	
Principal Product Description:	Not reported	
UTM Zone (Geo Coordinates Universal Transverse Mercator System):	Not reported	Not reported
UTM Horizontal Coord:	Not reported	
UTM Vertical Coord:	Not reported	
Mailing Name:	Not reported	
Mailing Contact Person:	Not reported	
Mailing Street:	Not reported	
Mailing City:	Not reported	
Mailing State:	Not reported	
Mailing Zip:	Not reported	
Mailing Zip 4 Extension:	Not reported	
Compliance Person:	Not reported	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUX RUSH FUNERAL HOME (Continued)

S109094032

Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: 0
EI Contact Phone Number: 0
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: 0
Of Employees: 0
Reporting Year: 80
Date Record Was Created: Not reported

BEA:

Secondary Address: Not reported
BEA Number: 891
District: Saginaw Bay
Date Received: 05/07/2008
Submitter Name: Bessheen Baker, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: persona
Division Assigned: Environmental Response Division

I28
NNE
1/4-1/2
0.465 mi.
2456 ft.

TRAINES PROPERTY
802 N. MAIN ST.
MOUNT PLEASANT, MI
Site 1 of 2 in cluster I

BEA S105541729
WDS N/A

Relative:
Higher

BEA:

Secondary Address: Not reported
BEA Number: 315
District: Saginaw Bay
Date Received: 06/14/2000
Submitter Name: Pickard and Main Development, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: temppm
Division Assigned: Environmental Response Division

Actual:
765 ft.

WDS:

Site Id: MID980615090
WMD Id: 399096
Site Specific Name: BEN TRAINES & SONS INC
Mailing Address: 802 N MAIN ST
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I29 **MAIN ST. 802 N., MT. PLEASANT**
NNE **802 N. MAIN ST.**
1/4-1/2 **MT. PLEASANT, MI 48858**
0.465 mi.
2456 ft. **Site 2 of 2 in cluster I**

SHWS **S108330825**
 N/A

Relative: **SHWS:**
Higher Facility ID: 37000146
 Facility Status: **Inactive - no actions taken to address contamination**
Actual: Source: Misc Manufacturing Industries
765 ft. SAM Score: 31
 SAM Score Date: 07/14/2006
 Township: 14N
 Range: 04W
 Section: 15
 Quarter: NE
 Quarter/Quarter: NW
 Pollutants: Chlorinated solvents

J30 **PICKARD STREET**
NNW **600 W PICKARD ST**
1/4-1/2 **MOUNT PLEASANT, MI 99999**
0.492 mi.
2597 ft. **Site 1 of 5 in cluster J**

LUST **S108084554**
 N/A

Relative: **LUST:**
Higher Facility ID: 50005539
 Source: STATE OF MICHIGAN
Actual: Owner Name: Nrt Owner
758 ft. Owner Address: Unknown
 Owner City,St,Zip: Unknown, MI 99999
 Owner Contact: Not reported
 Owner Phone: Not reported
 Country: USA
 District: Saginaw Bay District Office
 Site Name: Pickard Street
 Latitude: 43.61190
 Longitude: -84.78241
 Date of Collection: 09/28/2006
 Method of Collection: Interpolation-Map
 Accuracy: 40
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Not reported

Leak Number: C-0198-06
 Release Date: 02/08/2006
 Substance Released: Unknown
 Release Status: Open
 Release Closed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J31
NNW
1/4-1/2
0.492 mi.
2597 ft.
600 WEST PICKARD STREET
MOUNT PLEASANT, MI 48858
Site 2 of 5 in cluster J

BEA S107812214
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 770
District: Saginaw Bay
Date Received: 06/14/2006
Submitter Name: P & A Development, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: bertramt
Division Assigned: RRD

Actual:
758 ft.

J32
NNW
1/4-1/2
0.492 mi.
2597 ft.
TOTAL PETROLEUM INC ROOSEVELT
600 W PICKARD ST
MT. PLEASANT, MI 48858
Site 3 of 5 in cluster J

SHWS 1000148170
WDS N/A

Relative:
Higher

SHWS:
Facility ID: 37000016
Facility Status: Interim Response in progress
Source: Petroleum Refining
SAM Score: 43
SAM Score Date: 06/10/2004
Township: 14N
Range: 04W
Section: 10
Quarter: SW
Quarter/Quarter: SE
Pollutants: Benzene; Oil; Volatiles

Actual:
758 ft.

WDS:

Site Id: MIG000031921
WMD Id: 418244
Site Specific Name: COYNE OIL CORP
Mailing Address: 600 W PICKARD ST
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

Site Id: MIH000000375
WMD Id: 436279
Site Specific Name: T D PROVINS DRILLING CO INC
Mailing Address: PO BOX 642
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

J33 NNW 1/4-1/2 0.492 mi. 2597 ft.	TOTAL PETROLEUM INC ROOSEVELT 600 W PICKARD ST MOUNT PLEASANT, MI 48858 Site 4 of 5 in cluster J	CERC-NFRAP	1003871451 MID980992408
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Relative: Higher Actual: 758 ft.	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">CERC-NFRAP:</td> <td></td> </tr> <tr> <td>Site ID:</td> <td>0503117</td> </tr> <tr> <td>Federal Facility:</td> <td>Not a Federal Facility</td> </tr> <tr> <td>NPL Status:</td> <td>Not on the NPL</td> </tr> <tr> <td>Non NPL Status:</td> <td>NFRAP-Site does not qualify for the NPL based on existing information</td> </tr> </table>	CERC-NFRAP:		Site ID:	0503117	Federal Facility:	Not a Federal Facility	NPL Status:	Not on the NPL	Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
CERC-NFRAP:											
Site ID:	0503117										
Federal Facility:	Not a Federal Facility										
NPL Status:	Not on the NPL										
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information										

Program Priority:
Description: Great Lakes

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	06/01/1984
Priority Level:	Not reported

Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	11/08/1985
Priority Level:	Not reported

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/08/1985
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

K34 NNE 1/4-1/2 0.493 mi. 2605 ft.	CHIP CO DBA CHIPPEWA BEVERAGE CO 210 W PICKARD MT PLEASANT, MI 48858 Site 1 of 2 in cluster K	SHWS LUST UST	U000255706 N/A
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Relative: Higher Actual: 759 ft.	<table border="0" style="width: 100%;"> <tr> <td style="width: 15%;">SHWS:</td> <td></td> </tr> <tr> <td>Facility ID:</td> <td>37000141</td> </tr> <tr> <td>Facility Status:</td> <td>Inactive - no actions taken to address contamination</td> </tr> <tr> <td>Source:</td> <td>Groceries & Related Products</td> </tr> <tr> <td>SAM Score:</td> <td>31</td> </tr> <tr> <td>SAM Score Date:</td> <td>12/15/2005</td> </tr> <tr> <td>Township:</td> <td>14N</td> </tr> <tr> <td>Range:</td> <td>04W</td> </tr> <tr> <td>Section:</td> <td>10</td> </tr> <tr> <td>Quarter:</td> <td>SW</td> </tr> <tr> <td>Quarter/Quarter:</td> <td>SE</td> </tr> <tr> <td>Pollutants:</td> <td>1,2,4 TMB; Ethylbenzene</td> </tr> </table>	SHWS:		Facility ID:	37000141	Facility Status:	Inactive - no actions taken to address contamination	Source:	Groceries & Related Products	SAM Score:	31	SAM Score Date:	12/15/2005	Township:	14N	Range:	04W	Section:	10	Quarter:	SW	Quarter/Quarter:	SE	Pollutants:	1,2,4 TMB; Ethylbenzene
SHWS:																									
Facility ID:	37000141																								
Facility Status:	Inactive - no actions taken to address contamination																								
Source:	Groceries & Related Products																								
SAM Score:	31																								
SAM Score Date:	12/15/2005																								
Township:	14N																								
Range:	04W																								
Section:	10																								
Quarter:	SW																								
Quarter/Quarter:	SE																								
Pollutants:	1,2,4 TMB; Ethylbenzene																								

LUST:

Facility ID:	00008234
Source:	STATE OF MICHIGAN
Owner Name:	Chip Co DbA Chippewa Beverage Co
Owner Address:	210 W PICKARD
Owner City,St,Zip:	MT. PLEASANT, MI 48858
Owner Contact:	Not reported
Owner Phone:	(517) 773-3696

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHIP CO DBA CHIPPEWA BEVERAGE CO (Continued)

U000255706

Country: USA
District: Saginaw Bay District Office
Site Name: Chippewa Co. - Db a Chippewa Beve
Latitude: 43.61321
Longitude: -84.77847
Date of Collection: 01/11/2001
Method of Collection: Interpolation-Map
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1695-91
Release Date: 08/09/1991
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 02/06/1995

UST:

Facility ID: 00008234
Facility Type: CLOSED
Latitude: 43.61321
Longitude: -84.77847
Owner Name: CHIP CO DBA CHIPPEWA BEVERAGE CO
Owner Address: 210 W PICKARD
Owner City,St,Zip: MT. PLEASANT, MI 48858
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (517) 773-3696
Contact: Not reported
Contact Phone: () -
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Interpolation-Map

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 03/28/1980
Product: Gasoline
Remove Date: 08/09/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHIP CO DBA CHIPPEWA BEVERAGE CO (Continued)

U000255706

Install Date: 03/28/1980
Product: Gasoline
Remove Date: 08/09/1991
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 10000
Install Date: 03/28/1980
Product: Diesel
Remove Date: 08/09/1991
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

K35
NNE
1/4-1/2
0.493 mi.
2605 ft.

CHIP CO. DBA CHIPPEWA BEVERAGE CO.
210 W. PICKARD
MOUNT PLEASANT, MI 48858

INDIAN LUST 1009387180
INDIAN UST N/A

Site 2 of 2 in cluster K

Relative:
Higher

INDIAN LUST:
State ID: C-1695-91\\
Facility county: ISABELLA
Land type: Not reported
Owner: Chip Co. DBA Chippewa Beverage Co.
Owner tel: (517) 773-3696
Tribe: Saginaw Chippewa Indian Tribe
Release status: Complete
Release date: 8/9/1991
Implementing Agency: MDEQ
Date closed: 2/6/1995

Actual:
759 ft.

INDIAN UST:
Region: 5
Facility ID: 00008234
State ID: Not reported
Owner Name: Chip Co. DBA Chippewa Beverage Co.
Tribe: Saginaw Chippewa Indian Tribe
Tank status: Permanently Closed
Date installed: 3/28/1980
Date closed: 8/9/1991
UST type: Petroleum
Capacity: 10000
Tank ID: 1

Region: 5
Facility ID: 00008234

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHIP CO. DBA CHIPPEWA BEVERAGE CO. (Continued)

1009387180

State ID: Not reported
 Owner Name: Chip Co. DBA Chippewa Beverage Co.
 Tribe: Saginaw Chippewa Indian Tribe
 Tank status: Permanently Closed
 Date installed: 3/28/1980
 Date closed: 8/9/1991
 UST type: Petroleum
 Capacity: 10000
 Tank ID: 2

Region: 5
 Facility ID: 00008234
 State ID: Not reported
 Owner Name: Chip Co. DBA Chippewa Beverage Co.
 Tribe: Saginaw Chippewa Indian Tribe
 Tank status: Permanently Closed
 Date installed: 3/28/1980
 Date closed: 8/9/1991
 UST type: Petroleum
 Capacity: 10000
 Tank ID: 3

J36
NNW
1/4-1/2
0.494 mi.
2608 ft.

STORE & DIST PETROLEUM PRODUCTS
616 WEST PICKARD STREET
MOUNT PLEASANT, MI 48858
Site 5 of 5 in cluster J

AIRS S109569463
BEA N/A

Relative:
Higher

AIRS:
 EI Year: 1991
 State Registration Number: B6945
 Naics Code: Not reported
 Contact Name: Not reported
 Contact Phone: Not reported
 Contact Address: Not reported
 Contact City,St,Zip: Not reported
 Permit Number: Not reported
 Date Received: Not reported
 State Registration Number: B6945
 Country: Not reported
 Application Reason: Not reported
 Record Type: Not reported
 State County FIPS: Not reported
 Facility Category: Not reported
 SIC Primary: 5092
 Tribal Code: Not reported
 Supplemental Location Text: Not reported
 Dun & Brad Street Number: 95939179
 Business Name: COYNE OIL CORPORATION
 Principal Product: PETROLEUM PRODUCTS
 Principal Product Description: PETROLEUM PRODUCTS BULK P
 UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
 UTM Horizontal Coord: Not reported
 UTM Vertical Coord: Not reported
 Mailing Name: COYNE OIL CORPORATION
 Mailing Contact Person: DAVID D. COYNE
 Mailing Street: 914 WEST PICKARD STREET
 Mailing City: MOUNT PLEASANT

Actual:
759 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STORE & DIST PETROLEUM PRODUCTS (Continued)

S109569463

Mailing State: MI
Mailing Zip: Not reported
Mailing Zip 4 Extension: 572
Compliance Person: D. D. COYNE
Compliance Area Code: 517
Compliance Phone Number: 7722270
Emission Inventory Contact Person: D D COYNE
EI Contact Area Code: 517
EI Contact Phone Number: 7722270
Permit Contact Person: D. D. COYNE
Permit Contact Person Area Code: 517
Permit Contact Person Phone Number: 7722270
Federal Employer Id Number: 382097876
Of Employees: 9
Reporting Year: 92
Date Record Was Created: Not reported

BEA:

Secondary Address: Not reported
BEA Number: 967
District: Saginaw Bay
Date Received: 03/20/2009
Submitter Name: P & A Development, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: klannr
Division Assigned: RRD

37
NNW
1/2-1
0.511 mi.
2700 ft.

PICKARD INDUSTRIAL PARK INC
711 W PICKARD ST
MOUNT PLEASANT, MI 48858

RCRA-CESQG 1004722324
FINDS MI0000377812
SHWS
AIRS
BEA
WDS

Relative:
Higher

RCRA-CESQG:

Actual:
761 ft.

Date form received by agency: 06/22/1994
Facility name: PICKARD INDUSTRIAL PARK INC
Facility address: 711 W PICKARD ST
MOUNT PLEASANT, MI 48858
EPA ID: MI0000377812
Contact: SAMUEL STAPLES
Contact address: 711 W PICKARD ST
MOUNT PLEASANT, MI 48858
Contact country: US
Contact telephone: (517) 772-1400
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PICKARD INDUSTRIAL PARK INC (Continued)

1004722324

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

Owner/Operator Summary:

Owner/operator name: PICKARD INDUSTRIAL PARK INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: PICKARD INDUSTRIAL PARK INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PICKARD INDUSTRIAL PARK INC (Continued)

1004722324

Violation Status: No violations found

FINDS:

Registry ID: 110003565936

Environmental Interest/Information System

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

SHWS:

Facility ID: 37000113
Facility Status: Interim Response in progress
Source: Unknown
SAM Score: 24
SAM Score Date: 03/15/2004
Township: 14N
Range: 04W
Section: 15
Quarter: NW
Quarter/Quarter: NW
Pollutants: Al; Pb; TCE; Metals

AIRS:

El Year: 1990
State Registration Number: N1732
Naics Code: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Contact Address: Not reported
Contact City,St,Zip: Not reported
Permit Number: Not reported
Date Received: Not reported
State Registration Number: N1732
Country: Not reported
Application Reason: Not reported
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: 0
Tribal Code: Not reported
Supplemental Location Text: Not reported
Dun & Brad Street Number: Not reported
Business Name: INDEPENDENT PAPER CRAFT INC
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: INDEPENDENT PAPER CRAFT INC
Mailing Contact Person: Not reported
Mailing Street: 711 W PICKARD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PICKARD INDUSTRIAL PARK INC (Continued)

1004722324

Mailing City: MT PLEASANT
Mailing State: MI
Mailing Zip: 48858
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: SAM STAPLES
EI Contact Area Code: 517
EI Contact Phone Number: 7724300
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: 0
Of Employees: 0
Reporting Year: 88
Date Record Was Created: 1988-01-06 00:00:00

BEA:

Secondary Address: Not reported
BEA Number: 114
District: Saginaw Bay
Date Received: 11/13/1997
Submitter Name: C.M.R. Investments, L.P.
Petition Determination: Denied
Petition Disclosure: 1
Category: Different Hazardous Substance(s)
Determination 20107A: Denied
Reviewer: klannr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 158
District: Saginaw Bay
Date Received: 07/23/1998
Submitter Name: C.M.R. Investments, L.P.
Petition Determination: Affirmed
Petition Disclosure: 1
Category: Same Hazardous Substance(s)
Determination 20107A: Affirmed
Reviewer: klannr
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 1028
District: Saginaw Bay
Date Received: 06/30/2010
Submitter Name: Mt. Pleasant Commerce Center, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: armbrusa
Division Assigned: RRD

WDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PICKARD INDUSTRIAL PARK INC (Continued)

1004722324

Site Id: MI0000377812
WMD Id: 391063
Site Specific Name: PICKARD INDUSTRIAL PARK INC
Mailing Address: 711 W PICKARD ST
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

Site Id: MIG000053974
WMD Id: 436621
Site Specific Name: CENTRAL MICHIGAN NEWSPAPERS
Mailing Address: 711 W PICKARD ST
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

Site Id: MIG000023460
WMD Id: 451368
Site Specific Name: YELLOW FREIGHT
Mailing Address: 711 W PICKARD ST
Mailing City/State/Zip: 48858
Mailing County: ISABELLA

L38
NNE
1/2-1
0.524 mi.
2766 ft.

MICHCON MT PLEASANT SITE
111 E. PICKARD AVE
MT. PLEASANT, MI 48858

SHWS S103594648
WDS N/A

Site 1 of 2 in cluster L

Relative:
Higher

SHWS:
Facility ID: 37000009
Facility Status: Interim Response in progress
Source: Gas Production & Distribution
SAM Score: 30
SAM Score Date: 08/23/2004
Township: 14N
Range: 04W
Section: 10
Quarter: SE
Quarter/Quarter: SW
Pollutants: As; Benzene; CN; Pb; Phenol; PNAs

Actual:
764 ft.

WDS:

Site Id: MIK435783782
WMD Id: 419373
Site Specific Name: MICHCON MT PLEASANT SERVICE CENTER
Mailing Address: 1 ENERGY PLZ
Mailing City/State/Zip: 48226
Mailing County: WAYNE

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

L39 NNE 1/2-1 0.524 mi. 2768 ft.	CITY GAS CO 111 E PRICKARD MT. PLEASANT, MI 48858 Site 2 of 2 in cluster L	Manufactured Gas Plants	1008408136 N/A
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Relative: Higher Actual: 764 ft.	Manufactured Gas Plants: Alternate Name: CENTRAL GAS CO; GAS CORPORATION OF MICHIGAN. An MGP that produced gas using the coal carbonization process formerly operated at the site. The MGP was constructed by Mt. Pleasant Light and Fuel Co in 1904 and was operated until approximately 1940 when natural gas pipelines became established.
---	--

40 NW 1/2-1 0.562 mi. 2966 ft.	HARRIS 1101 N, MT. PLEASANT 1011 N. HARRIS MT. PLEASANT, MI 48858	SHWS	S108228820 N/A
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Relative: Higher Actual: 769 ft.	SHWS: Facility ID: 37000140 Facility Status: Inactive - no actions taken to address contamination Source: Pipelines SAM Score: 30 SAM Score Date: 07/25/2005 Township: 14N Range: 04W Section: 16 Quarter: NE Quarter/Quarter: NE Pollutants: Xylenes
---	---

41 East 1/2-1 0.648 mi. 3420 ft.	MT. PLEASANT AUTO ELECTRIC 111 S. MISSION MT. PLEASANT, MI 48858	SHWS WDS	S109029645 N/A
---	---	---------------------------	---------------------------------

Relative: Higher Actual: 770 ft.	SHWS: Facility ID: 37000065 Facility Status: See Leaking Underground Storage Tank Site Database Source: Gasoline Service Station SAM Score: 31 SAM Score Date: 08/25/2006 Township: 14N Range: 04W Section: 14 Quarter: SW Quarter/Quarter: NW Pollutants: 1,2,4 TMB; Xylenes
---	---

WDS:	Site Id: MIG000063224 WMD Id: 416112 Site Specific Name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT Mailing Address: 111 S MISSION ST Mailing City/State/Zip: 48858 Mailing County: ISABELLA
-------------	--

Count: 24 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BENZONIA	U003319747	IMPERIAL OIL BENZONIA	3041 USHY 31 S	48858	LUST, UST, WDS
MOUNT PLEASANT	1009387051	UNITED PARCEL SERVICE	1013TH & 2 N MSN	48858	INDIAN LUST, INDIAN UST
MOUNT PLEASANT	1004722218	UNITED PARCEL SERVICE INC	1013TH & 2 N MISSION ST	48858	RCRA-CESQG, FINDS
MOUNT PLEASANT	S111932075	UNITED PARCEL SERVICE INC	1013TH & 2 N MISSION ST	48858	WDS
MOUNT PLEASANT	S109171403	BGL ASSETS/B&L GEARS	5976TH VENTURE WAY & 5966 VEN		BEA
MOUNT PLEASANT	S108895965	PARCEL 17-000-15827-00	W BROADWAY ST		BEA
MOUNT PLEASANT	S109094031		W BROADWAY ST	48858	BEA
MOUNT PLEASANT	S109094044		W BROADWAY ST		BEA
MOUNT PLEASANT	1001220089	MI DEPT/NATURAL RESOURCES AND ENVI	411 BROADWAY ST	48858	RCRA-NonGen, FINDS
MOUNT PLEASANT	S105541735	NORTHWEST CORNER OF MISSION & MOSH	NW CORNER OF MSN & MOSHER STS		BEA
MOUNT PLEASANT	1009387168	C J EQUIPMENT SERVICE INC	802 MAIN ST	48858	INDIAN UST
MOUNT PLEASANT	S103594646	FUSSMAN RACE TRACK	NORTH MSN	48858	SHWS
MOUNT PLEASANT	S103594740	MISSION, 799 SOUTH	799 SOUTH MSN	48858	SHWS
MOUNT PLEASANT	1000237951	MI DEPT/TRANSPORTATION	UNDER 10 USHY	48858	RCRA-NonGen, FINDS
MOUNT PLEASANT	1007096633	ALVINO FORK LIFT	USHY 127 OFMOUNTPLEASANT S	48858	RCRA-NonGen
MOUNT PLEASANT	1000237953	MI DEPT/TRANSPORTATION	37014 USHY 27	48858	RCRA-NonGen, FINDS
MOUNT PLEASANT	1007102068	PHOENIX MOTOR EXPRESS	USHY 27 N	48858	RCRA-NonGen
MOUNT PLEASANT	S105541736	FORMER LUMBER MILL	WALNUT ST		BEA
MT PLEASANT	S103084655	MT PLEASANT CITY OF	4595 E BROOMFIELD RD	48858	SHWS
MT PLEASANT	1007057446	HENNIGER'S ELEVATOR	SW CORNER BROADWAY AND OAK ST	48858	US BROWNFIELDS, FINDS
MT PLEASANT	1012101041	HONNIGERS ELEVATOR	CORNER OF BROADWAY AND OAK ST	48858	US BROWNFIELDS, FINDS
MT PLEASANT	U000255670	MDOT	1120 S MSN	48858	SHWS, LUST, UST
ONAWAY	U003758745	MT PLEASANT EXCAVATING SERV	NW COR LODEN & MICHIGAN	48858	UST
TWO RIVERS	1003872943	TWO RIVERS SITE	DRUM FLOATING IN LAKE MICHIGAN	48858	CERC-NFRAP

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/07/2012	Source: EPA
Date Data Arrived at EDR: 07/05/2012	Telephone: N/A
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/09/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/15/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

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

Date of Government Version: 10/31/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 11/01/2012	Telephone: 517-373-9541
Date Made Active in Reports: 11/28/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

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

Date of Government Version: 10/01/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 10/02/2012	Telephone: 517-335-4035
Date Made Active in Reports: 10/30/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Semi-Annually

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 06/20/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 06/20/2012	Telephone: 517-373-9875
Date Made Active in Reports: 08/06/2012	Last EDR Contact: 12/12/2012
Number of Days to Update: 47	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

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

Date of Government Version: 08/06/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 08/22/2012	Telephone: 517-373-9837
Date Made Active in Reports: 09/20/2012	Last EDR Contact: 11/19/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3372
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

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

Date of Government Version: 04/12/2012	Source: EPA Region 1
Date Data Arrived at EDR: 05/09/2012	Telephone: 617-918-1313
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 11/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

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

Date of Government Version: 08/06/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 08/22/2012	Telephone: 517-335-4035
Date Made Active in Reports: 09/20/2012	Last EDR Contact: 11/19/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 10/24/2011	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/23/2011	Telephone: 517-335-7211
Date Made Active in Reports: 01/09/2012	Last EDR Contact: 11/16/2012
Number of Days to Update: 47	Next Scheduled EDR Contact: 02/04/2013
	Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/09/2012
Date Data Arrived at EDR: 03/21/2012
Date Made Active in Reports: 04/27/2012
Number of Days to Update: 37

Source: Department of Natural Resources & Environment
Telephone: 517-373-8168
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2012	Source: EPA Region 7
Date Data Arrived at EDR: 08/28/2012	Telephone: 913-551-7003
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/15/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/28/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 03/28/2012	Telephone: 517-373-4828
Date Made Active in Reports: 04/20/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 07/27/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 51

Source: Department of Natural Resources & Environment
Telephone: 517-373-4805
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detroit Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 10/24/2012
Date Data Arrived at EDR: 10/26/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

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

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

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

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009
Date Data Arrived at EDR: 09/30/2010
Date Made Active in Reports: 10/28/2010
Number of Days to Update: 28

Source: Department of Natural Resources & Environment
Telephone: 517-241-5719
Last EDR Contact: 10/05/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Natural Resources & Environment
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support its listing or the site no longer meets criteria specified in rules.

Date of Government Version: 11/08/2012
Date Data Arrived at EDR: 11/08/2012
Date Made Active in Reports: 11/28/2012
Number of Days to Update: 20

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008

Date Data Arrived at EDR: 11/18/2008

Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740

Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Date Data Arrived at EDR: 11/19/2008

Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012

Date Data Arrived at EDR: 03/26/2012

Date Made Active in Reports: 06/14/2012

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: 202-564-6023

Last EDR Contact: 11/01/2012

Next Scheduled EDR Contact: 02/11/2013

Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 10/02/2012

Date Data Arrived at EDR: 10/24/2012

Date Made Active in Reports: 11/28/2012

Number of Days to Update: 35

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837

Last EDR Contact: 10/22/2012

Next Scheduled EDR Contact: 02/04/2013

Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/01/2012

Date Data Arrived at EDR: 04/03/2012

Date Made Active in Reports: 06/14/2012

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Last EDR Contact: 10/02/2012

Next Scheduled EDR Contact: 01/14/2013

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 08/31/2012	Source: Department of Natural Resources & Environment
Date Data Arrived at EDR: 09/27/2012	Telephone: 517-373-8427
Date Made Active in Reports: 11/20/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2012	Telephone: 312-886-6186
Date Made Active in Reports: 12/04/2012	Last EDR Contact: 11/29/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 11/06/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/10/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/01/2012	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 07/24/2012	Telephone: Varies
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/01/2012
Number of Days to Update: 56	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/29/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/07/2013
	Data Release Frequency: Every 4 Years

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

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 11/01/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/19/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/10/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (312) 353-2000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 11/28/2012
Number of Days to Update: 27

Source: Department of Natural Resources & Environment
Telephone: 517-241-1515
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 10/22/2012
Date Data Arrived at EDR: 10/24/2012
Date Made Active in Reports: 11/28/2012
Number of Days to Update: 35

Source: Department of Natural Resources & Environment
Telephone: 517-335-4586
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

NPDES: List of Active NPDES Permits

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

Date of Government Version: 10/09/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 10/30/2012
Number of Days to Update: 19

Source: Department of Natural Resources & Environment
Telephone: 517-241-1300
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 09/27/2012
Date Data Arrived at EDR: 09/28/2012
Date Made Active in Reports: 10/30/2012
Number of Days to Update: 32

Source: Department of Natural Resources & Environment
Telephone: 517-373-7074
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/22/2012
Date Made Active in Reports: 09/30/2012
Number of Days to Update: 29

Source: Department of Natural Resources & Environment
Telephone: 517-373-9541
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/21/2011
Date Data Arrived at EDR: 04/21/2011
Date Made Active in Reports: 05/13/2011
Number of Days to Update: 22

Source: Department of Natural Resources & Environment
Telephone: 586-753-3754
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/17/2012
Date Data Arrived at EDR: 01/18/2012
Date Made Active in Reports: 02/10/2012
Number of Days to Update: 23

Source: Department of Natural Resources & Environment
Telephone: 517-335-6610
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 02/14/2011
Number of Days to Update: 38

Source: Department of Natural Resources & Environment
Telephone: 517-335-4034
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/13/2012
Next Scheduled EDR Contact: 04/01/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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APPENDIX E

AERIAL PHOTOGRAPH DOCUMENTATION



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1952 Aerial Photograph
Parcel "B"
320 West Broadway Street
Mount Pleasant, MI
Project Number: 79400s-13-26





Courtesy of the City of Mt. Pleasant Engineering Department

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1957 Aerial Photograph
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1958 Aerial Photograph
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1965 Aerial Photograph
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1966 Aerial Photograph
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1972 Aerial Photograph
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1982 Aerial Photograph
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1984 Aerial Photograph
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1992 Aerial Photograph
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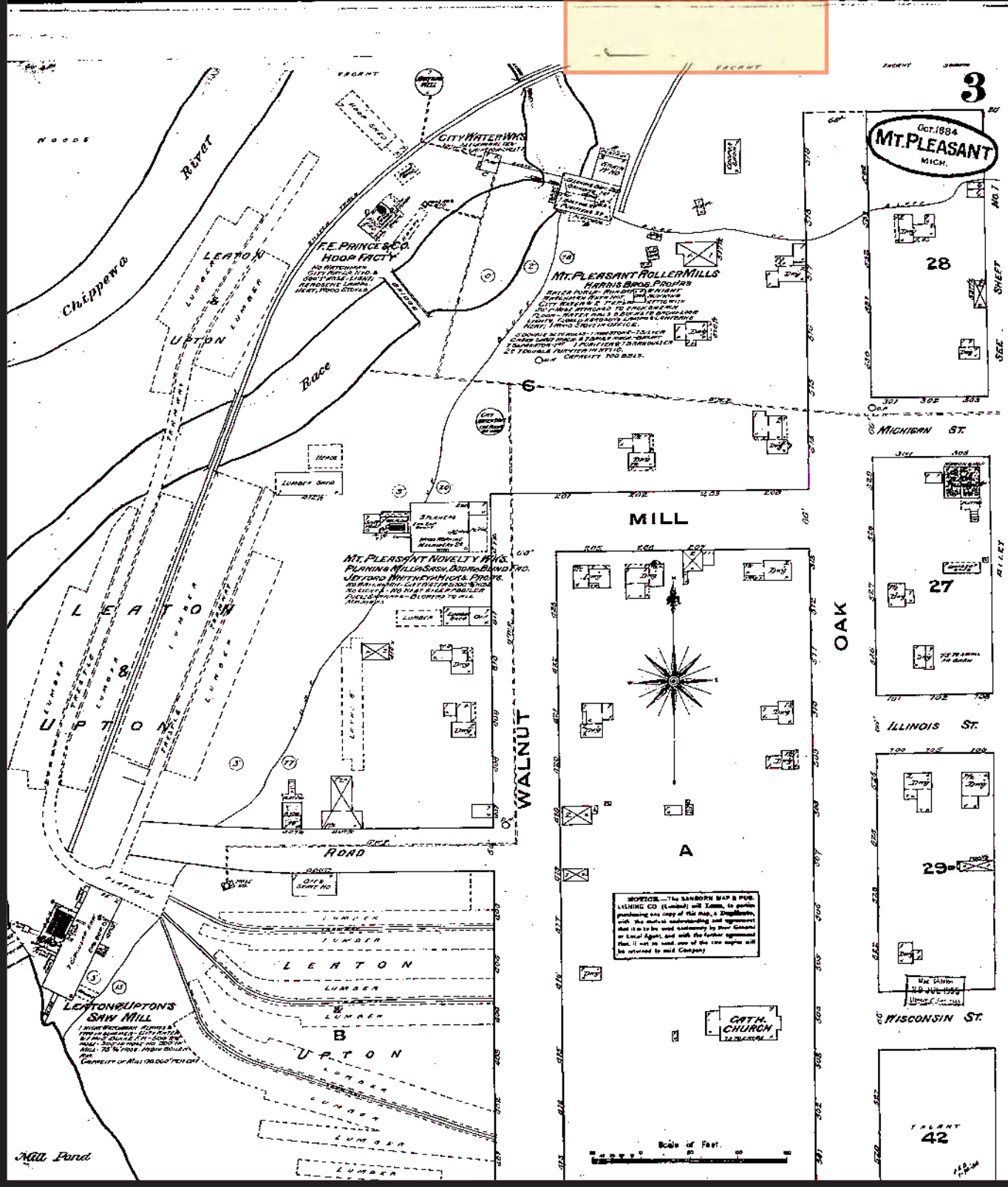
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2007 Aerial Photograph
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APPENDIX F

HISTORICAL RESEARCH DOCUMENTATION

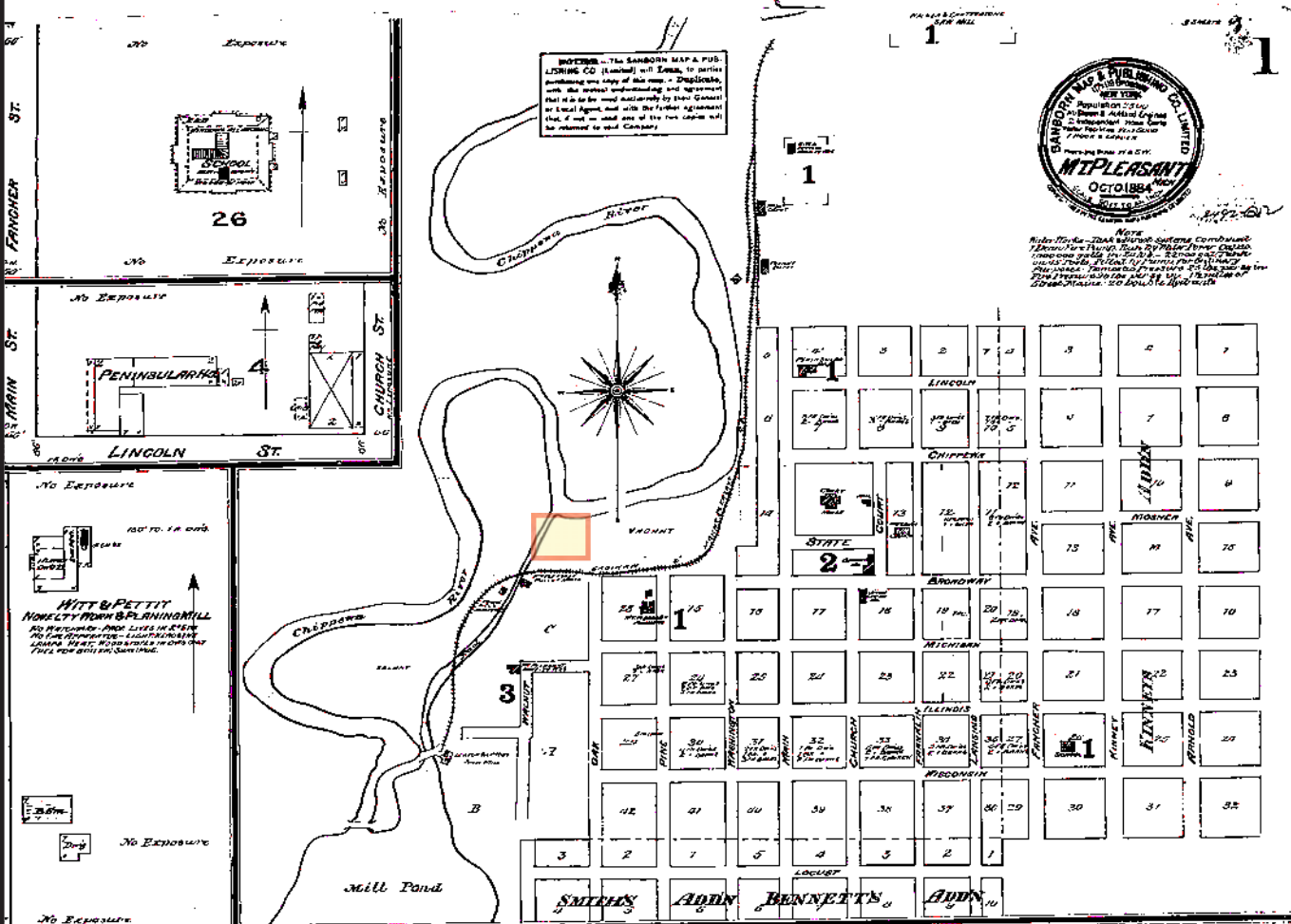


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1884 Sanborn® Map
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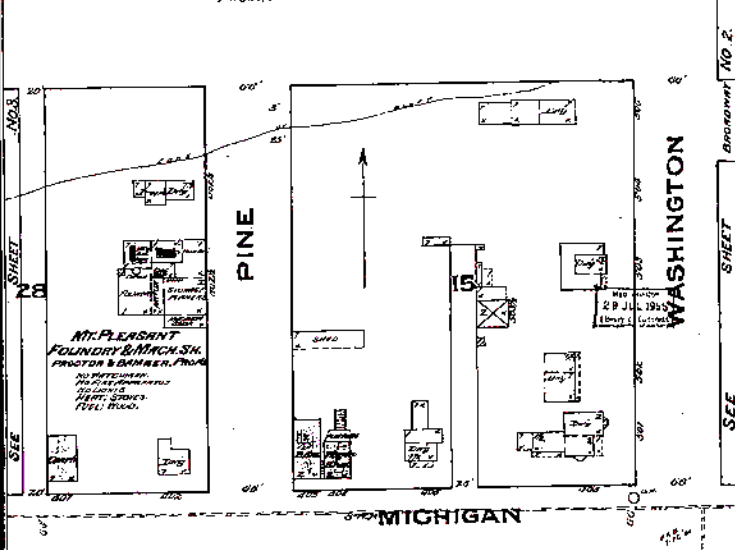
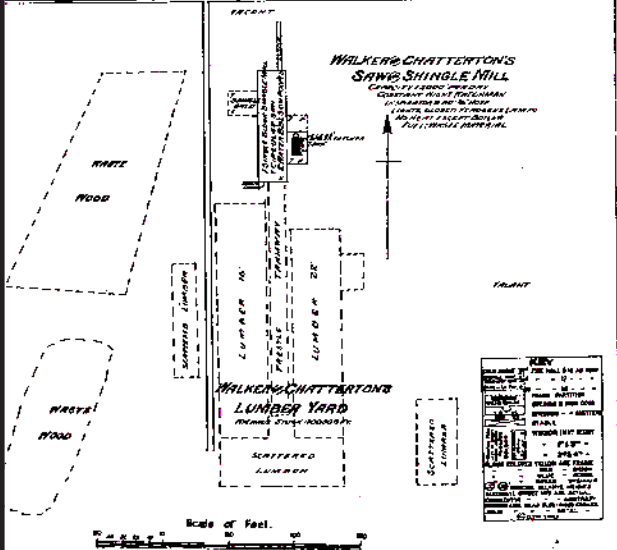
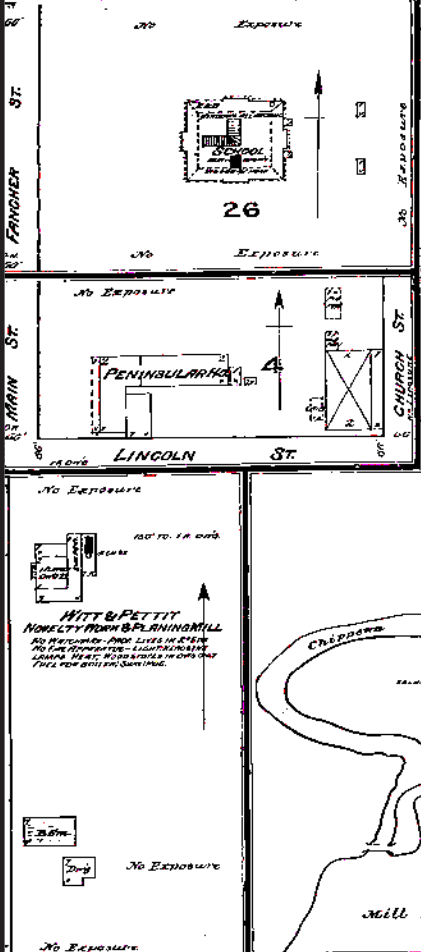
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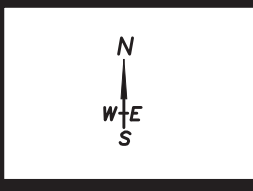


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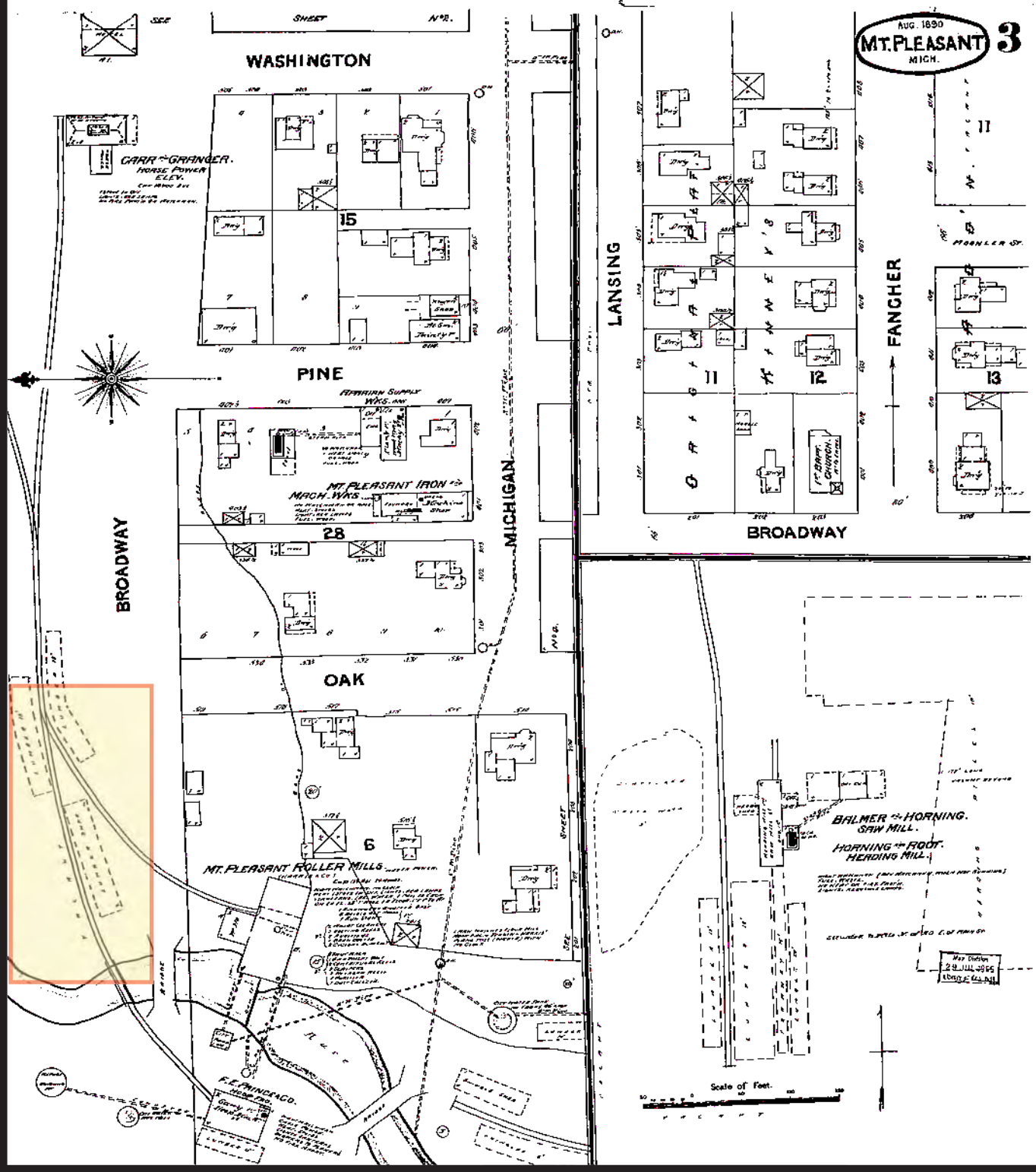


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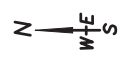


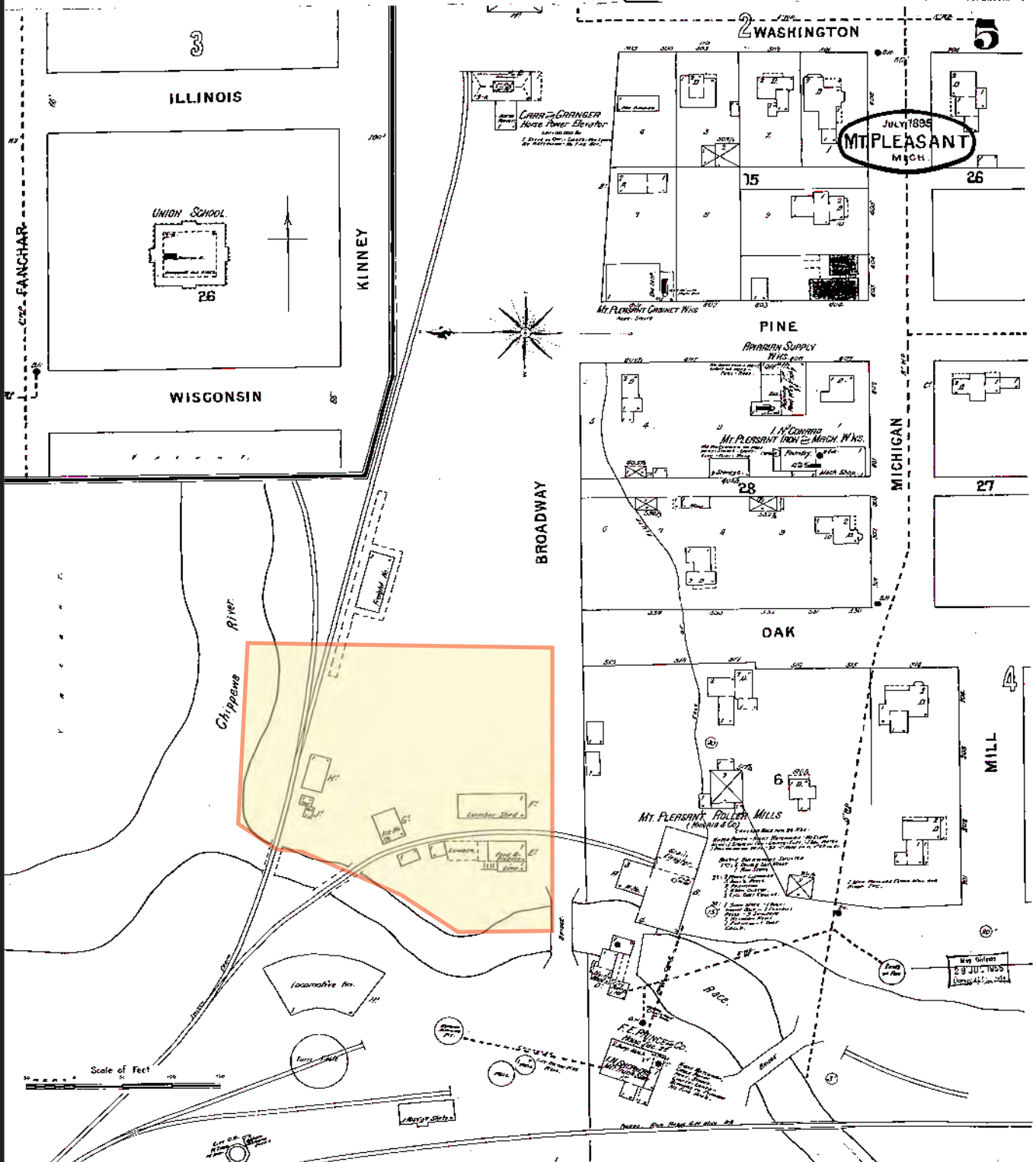
AUG. 1890
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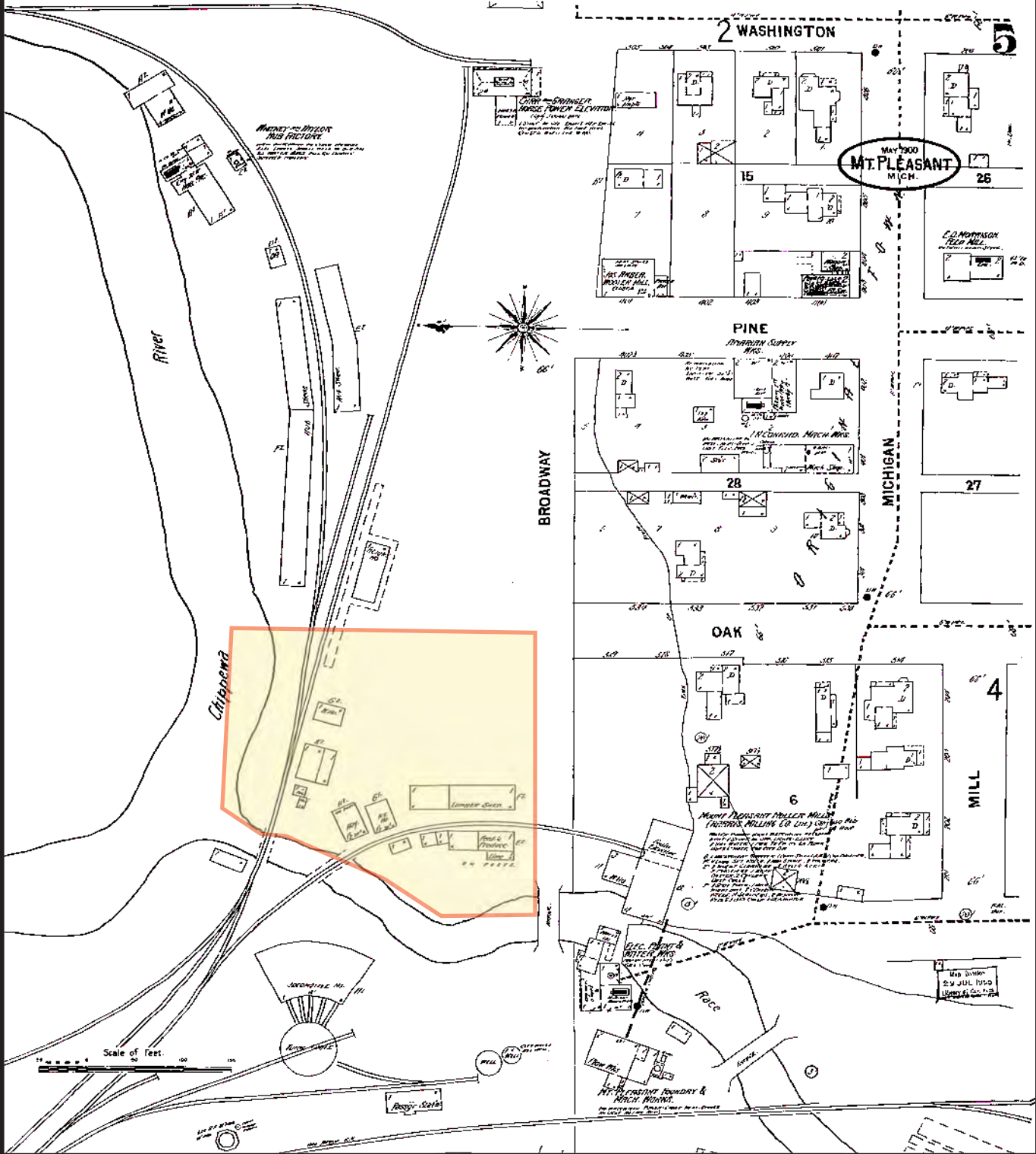




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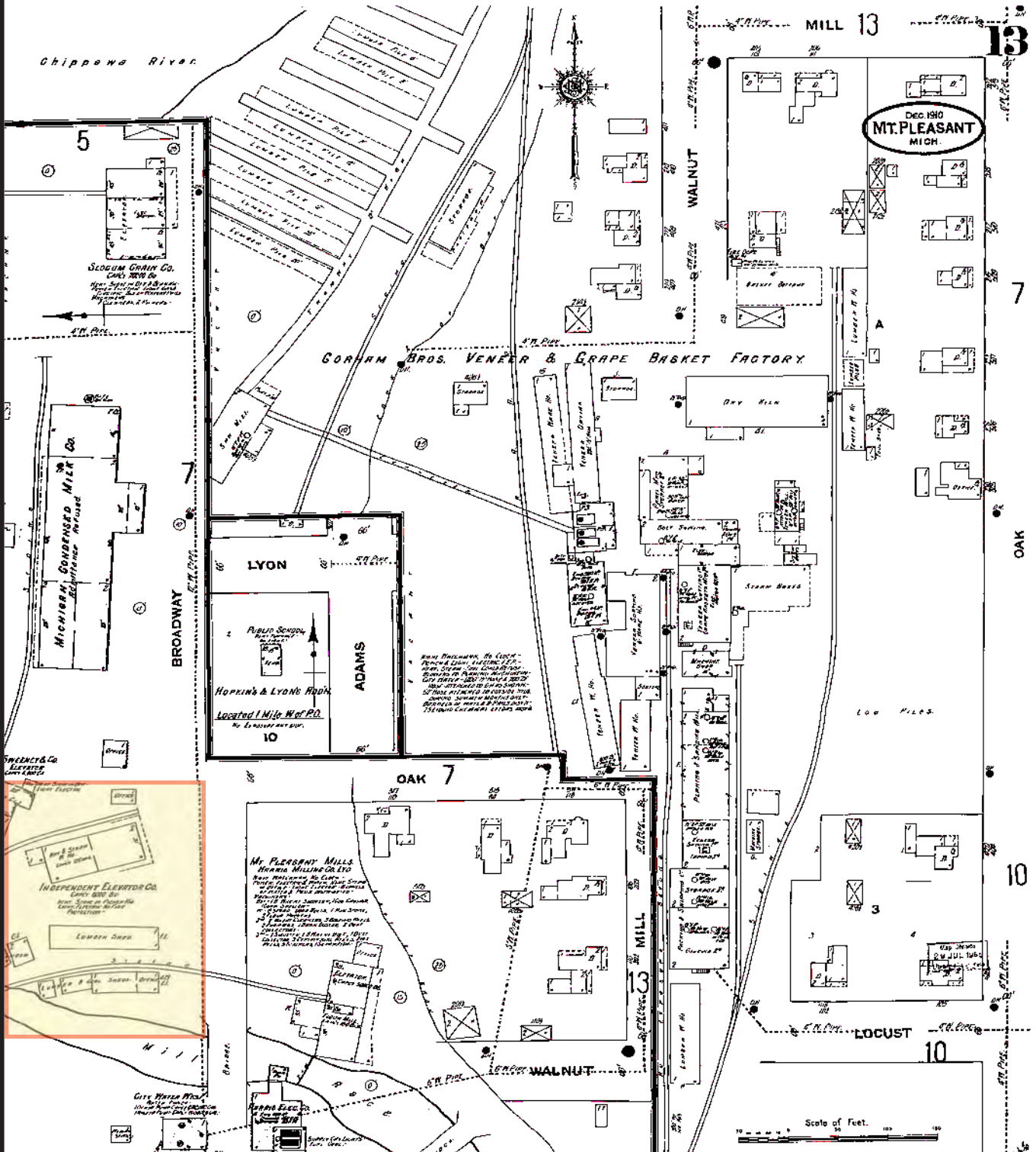




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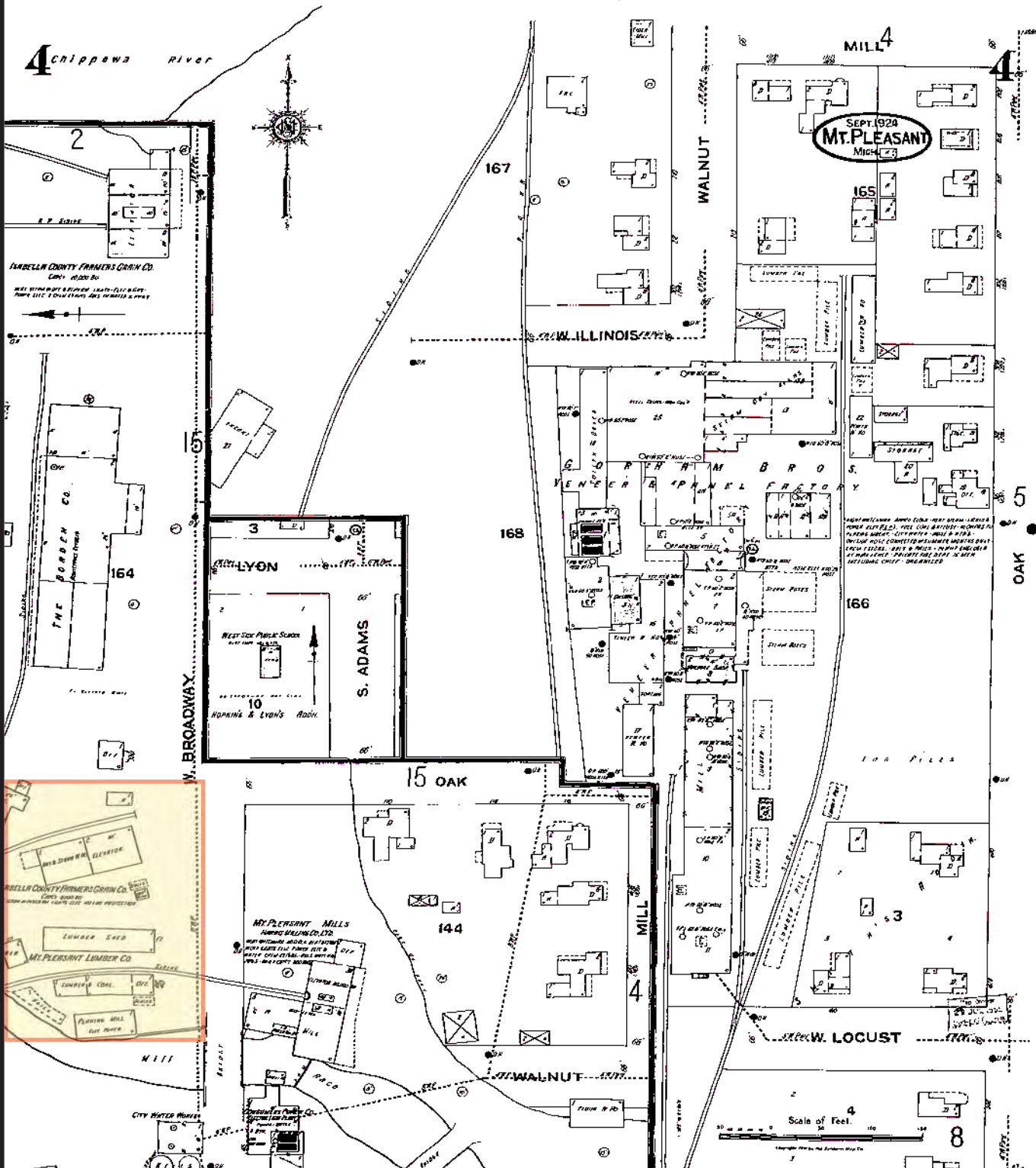




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1910 Sanborn® Map
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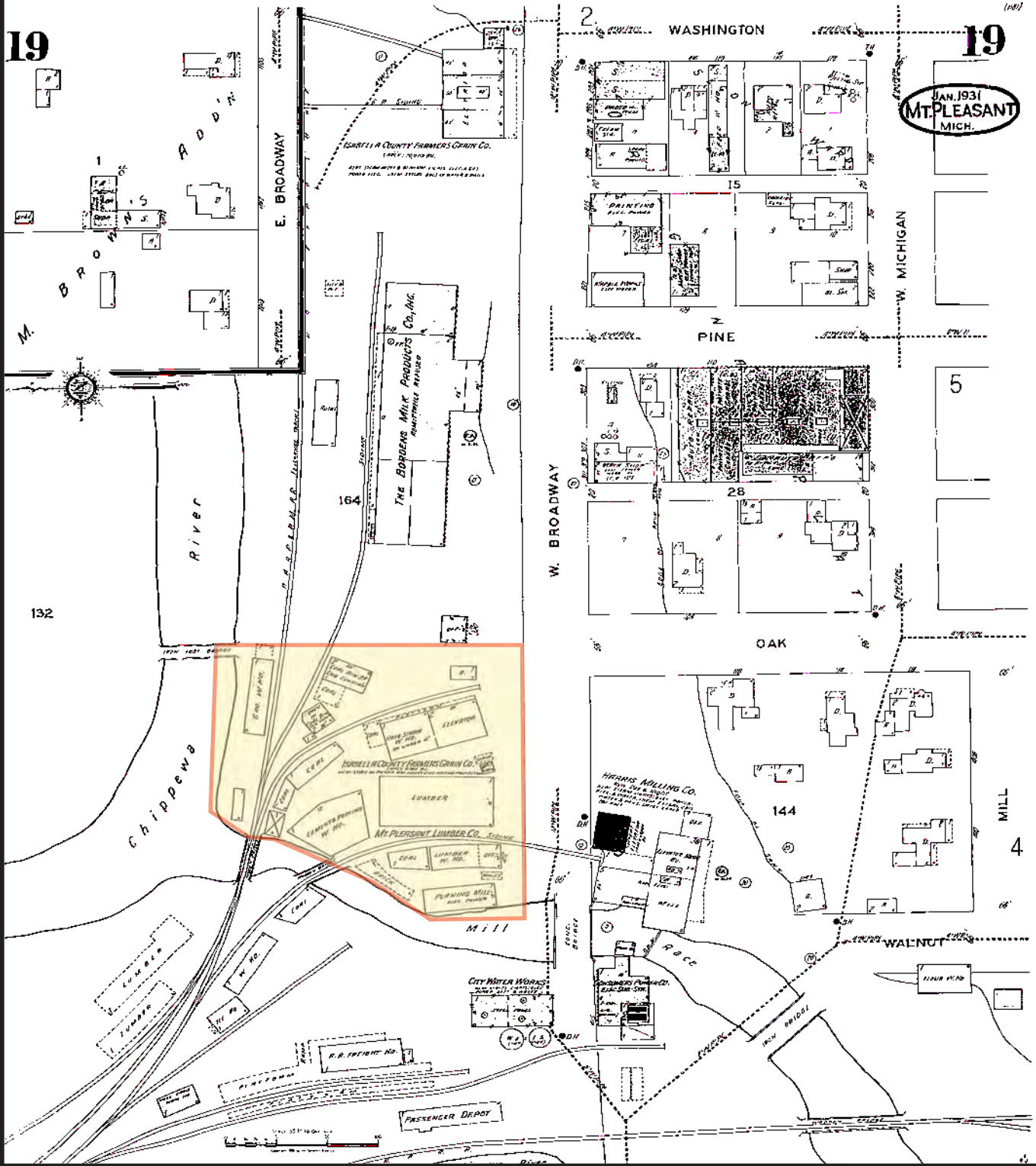




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1924 Sanborn® Map
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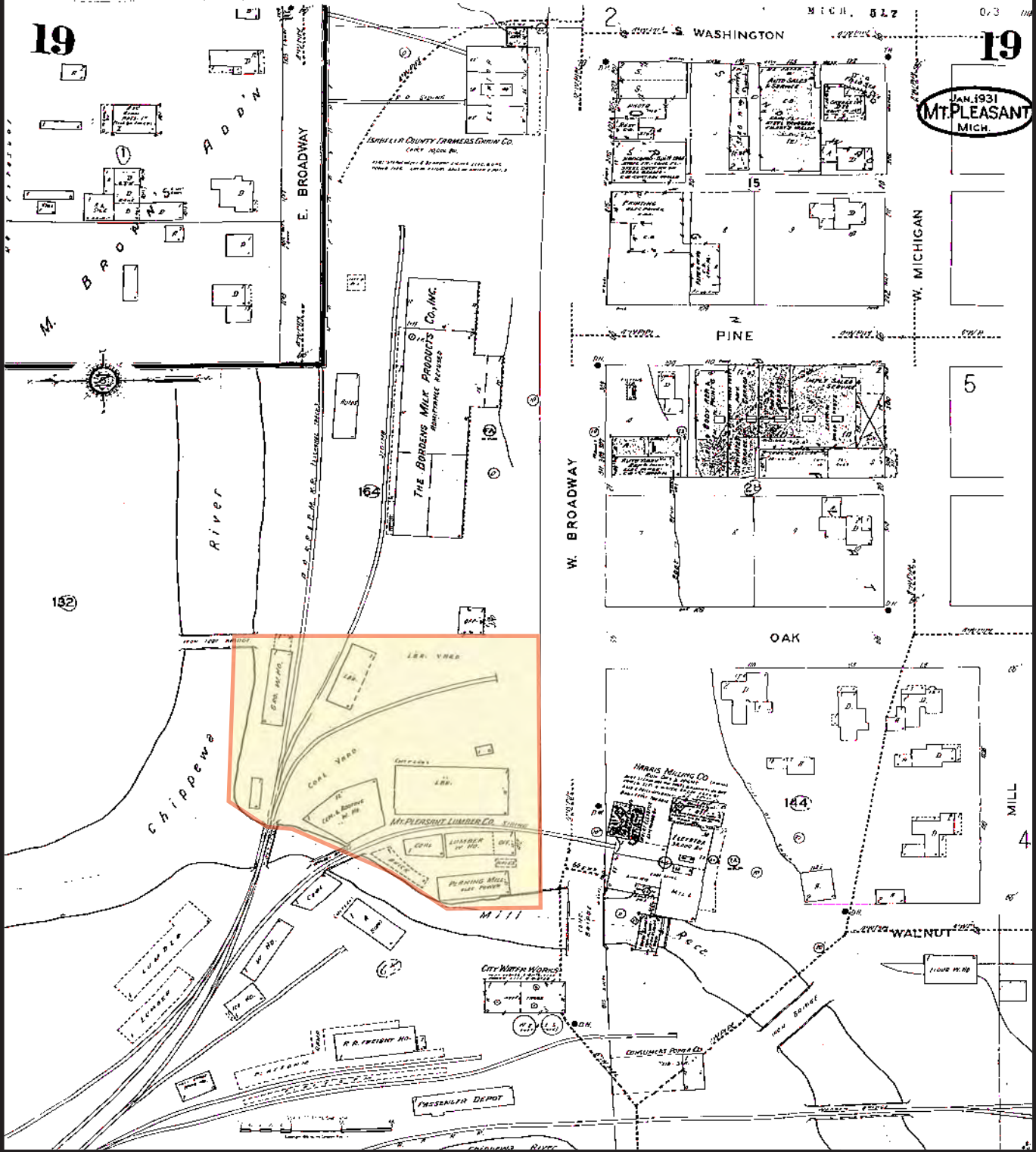




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1931 Sanborn® Map
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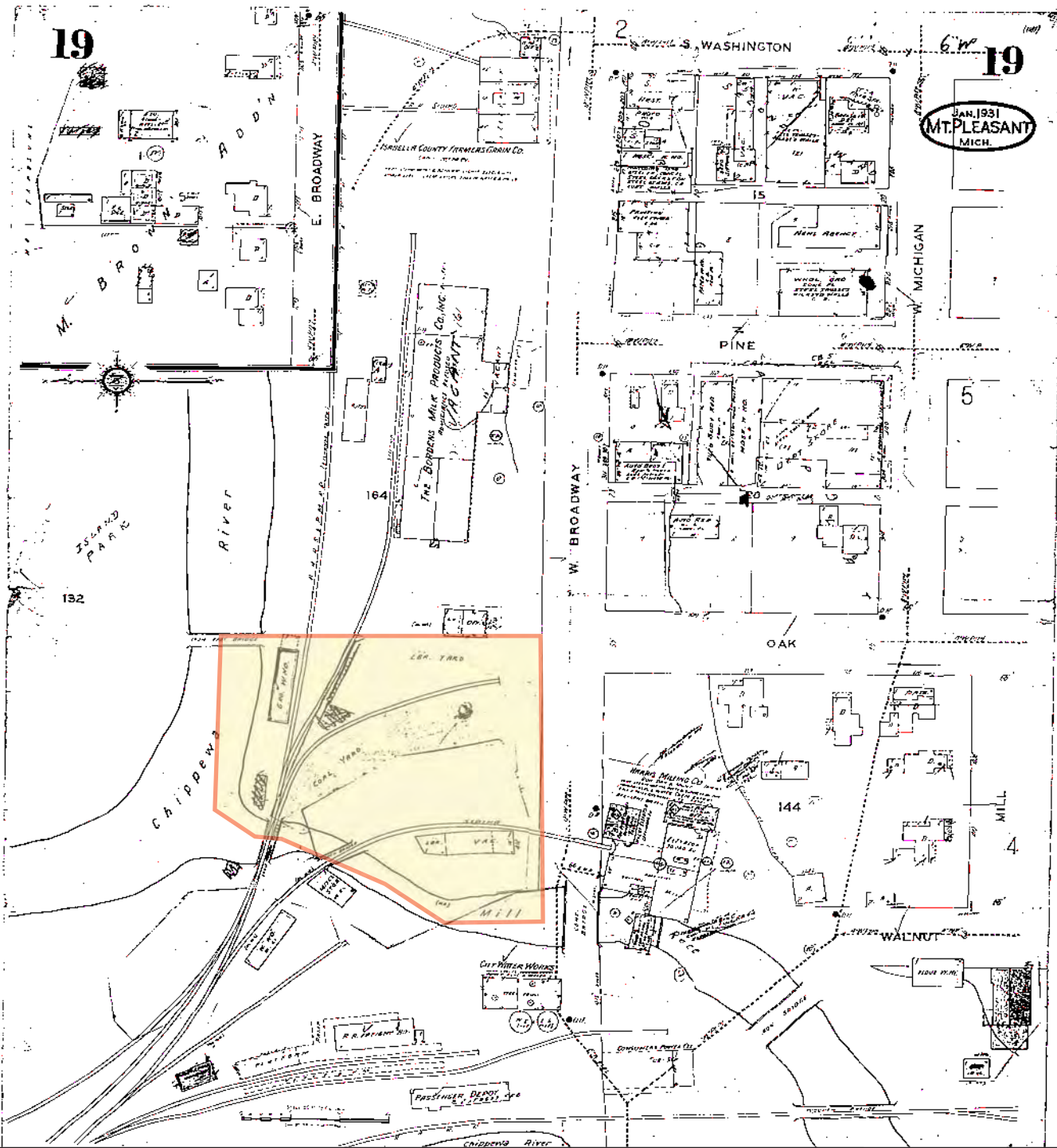




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