

*Environmental Assessment*  
Gerald R. Ford Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan



Submitted by:

**National Archives and Records Administration**

8601 Adelphi Road  
College Park, MD 20740

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**Environmental Assessment**  
**Gerald R. Ford Presidential Museum, Learning Center Addition**  
Grand Rapids, Michigan

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### **List of Abbreviations and Acronyms**

APE	Area of Potential Effect
BMP	Best Management Practices
CCRG	Commonwealth Cultural Resources Group
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CWA	Clean Water Act of 1972
EA	Environmental Assessment
EDR	Environmental Data Resources
EJ	Environmental Justice
EO	Executive Order
Ford Museum	Gerald R. Ford Presidential Museum
LEED-NC	Leadership in Energy and Environmental Design for New Construction
MDEQ	Michigan Department of Environmental Quality
MDNR	Michigan Department of Natural Resources
MSHPO	Michigan State Historic Preservation Officer
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NARA	National Archives and Records Administration
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
PCB	Polychlorinated Biphenyl
USCB	US Census Bureau
USEPA	US Environmental Protection Agency

## ES Executive Summary

The National Archives and Records Administration (NARA), in cooperation with the Gerald R. Ford Presidential Foundation (Ford Foundation), is planning to build an addition to the Gerald R. Ford Presidential Museum (Ford Museum), located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing Ford Museum.

The Ford Museum opened to the public in September 1981. It is part of the presidential libraries system of NARA. Unlike other presidential libraries, the Ford Museum component is geographically separate from the library/archives. The Ford Museum is in Grand Rapids, Michigan and the Presidential Library is located approximately 130 miles to the east in Ann Arbor, on the campus of the University of Michigan. Despite the separation, the Presidential Library and Ford Museum are a single institution sharing one director. The current Ford Museum is roughly 54,000 square feet in size and is located on a 10-acre site on the west bank of the Grand River in downtown Grand Rapids.

The purpose of the project is to provide additional facilities to house educational programs and meeting space. The Learning Center addition is needed to serve visitors and expand the educational capabilities of the Ford Museum by providing educational programs to further the public's knowledge of a former president, the presidency, American history, and the workings of the United States Government. All available square footage at the Ford Museum has been dedicated to the various functions of the Ford Museum, leaving no alternative but to create a program/education space to meet the public needs and offerings of the Ford Museum.

This Environmental Assessment (EA) describes the project purpose and need, the alternatives considered, and the environmental consequences of the Proposed Action and the No Action Alternative. Both the Proposed Action and the No Action Alternative would result in no significant impact on resources studied in this EA. The Proposed Action will address the purpose and need for the project. In addition, the Proposed Action will include the addition of a bio-retention area between the Learning Center addition and the parking area. The bio-retention area will improve drainage at the project site, aid in sediment retention, enhance water quality, and provide localized wildlife habitat. Finally, the Proposed Action will be compatible with the existing building and surrounding park-like environment.

## **1.0 Purpose and Need for Action**

### **1.1 Introduction**

The National Archives and Records Administration (NARA), in cooperation with the Gerald R. Ford Presidential Foundation (Ford Foundation), is planning to build an addition to the Gerald R. Ford Presidential Museum (Ford Museum), located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing Ford Museum. Pursuant to the requirements of the National Environmental Policy Act (NEPA), this Environmental Assessment (EA) analyzes potential impacts of the proposed project to elements of the natural and human environment as per the Council on Environmental Quality (CEQ) regulations implementing NEPA (40 Code of Federal Regulations [CFR] Parts 1500-1508).

### **1.2 Project Background**

The Ford Museum opened to the public in September 1981 and is part of the presidential libraries system of NARA. Unlike other presidential libraries, the Ford Museum component is geographically separate from the library/archives. The Ford Museum is in Grand Rapids, Michigan while the Ford Library is located approximately 130 miles to the east in Ann Arbor, on the campus of the University of Michigan. Despite the separation, the library and Ford Museum are a single institution sharing one director. The current Ford Museum is roughly 54,000 square feet in size and is located on a 10-acre site on west bank of the Grand River in downtown Grand Rapids. The location of the Ford Museum is shown on Figure 1-1.

In 2003, a two-story 11,000 square foot addition was constructed on the northeast façade of the existing building, and approximately 15,000 square feet of space in the Ford Museum was renovated. The main purpose for that expansion was to enlarge and improve the space for artifacts previously stored at the Ford Library. Other improvements made to the Ford Museum in that project included new space for exhibit preparation, administrative space for the educational staff, a renovated lobby and gift shop area, and office space for other Ford Museum employees as well as for the private Ford Foundation.

### **1.3 Project Purpose and Need**

The proposed project is to construct a Learning Center addition on the southwest façade of the Ford Museum to provide additional facilities to house educational programs and meeting space. The Learning Center addition will serve visitors and expand the educational capabilities of the Ford Museum by providing educational programs to further the public's knowledge of a former president, the presidency, American history, and the workings of the United States Government. The addition will address spatial constraint problems that currently exist in the building. Due to the planned

expansion of the new permanent exhibits set to open in 2016 into the current educational space, no space remains for the educational/classroom functions at the Ford Museum. Over the past four years, the Ford Museum education programs had collectively served an average of 7,000 students annually from the surrounding area and state schools and institutions. Since all available square footage at the Ford Museum has been dedicated to the various current and future functions of the Ford Museum, there leaves no alternative but to create a program/education space to meet the public needs and offerings of the Ford Museum. With the Learning Center addition, the Ford Museum expects to increase student participation significantly.



K:\11 GIS\3559150002 Gerald Ford Museum\MOI\Fig. 1-1 Project Location\_150224.mxd

**Figure 1-1. Project Location**

## **2.0 Description of the Proposed Action and Alternatives**

A basic principle of NEPA is that an agency should consider reasonable alternatives to a proposed action. Considering alternatives helps to avoid unnecessary impacts and allows analysis of reasonable ways to achieve the stated purpose. To warrant detailed evaluation, an alternative must be reasonable. To be considered reasonable, an alternative must be ready for decision making (any necessary preceding events having taken place), affordable, capable of implementation and satisfactory with respect to meeting the purpose of and need for the action.

### **2.1 No Action – Alternative**

CEQ regulations (40 CFR Parts 1500 to 1508) require consideration of a No Action Alternative. The No Action Alternative serves as a baseline against which the impacts of the Proposed Action and alternatives can be evaluated.

Under the No Action Alternative, the Learning Center addition would not be constructed. The existing spatial constraint problems would not be addressed, and the educational capabilities and offerings of the Ford Museum would have to be reduced below their current levels. Implementation of the No Action Alternative would therefore, not meet the purpose and need for the project.

### **2.2 Proposed Action**

The Proposed Action is to construct a two-story Learning Center addition on the southwest side of the existing Ford Museum. The Learning Center will be approximately 8,000 square feet in size and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July 2014 (“NARA Standards”), as well as all other applicable laws, regulations, rules, and standards that apply (e.g., environmental and historical preservation review requirements).

Construction of the Learning Center will be completed on previously disturbed lands. The general configuration of the proposed project is shown on Figure 2-1. A site plan and elevation drawings of the proposed addition are included in Appendix A. The footprint for the first story will be approximately 4,000 square feet and extend approximately 44 feet from the south side of the existing building with a total length of 87 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building and will match the existing building façade in color and finish. Other site improvements surrounding the addition will include new rain gardens with native plantings, new concrete sidewalks, additional parking and access for maintenance, drop off, and catering vendors, and a new 5-foot wide concrete sidewalk with a 12-foot by 22-foot concrete unloading area for deliveries. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions.

Construction of the Learning Center will require the relocation of an existing 72-inch public sanitary sewer pipe. This pipe will be downsized to a 36-inch diameter pipe located to the south to divert sanitary flow around the proposed building addition. The abandoned portion of the 72-inch pipe will be filled with grout and left in place. The relocation of the sanitary sewer requires the elimination of the existing drop-off lane on the north side of the parking area. Consequently, the north end of the parking lot will be reconfigured to act as drop-off driveway and provide parking access.

The main point of entry for the Learning Center addition will be from within the existing Ford Museum. The first floor education space will be designed to allow reconfiguration with a moveable partition to serve as a multipurpose space. The first floor will also contain a catering preparation room and will be accessible from the catering parking through an interior vestibule. The second floor will provide space for general storage of non-archival materials, classroom/educational space and office space dedicated for use by the Ford Foundation.

The Learning Center will incorporate energy efficiency into its design as called for by the NARA Standards, and will attain the required US Green Building Council Leadership in Energy and Environmental Design for New Construction (LEED-NC), v2009 Silver Certification. To meet LEED-NC certification, the design project team will adhere to NARA guiding principles to employ integrated design processes, optimize energy performance, protect and conserve water, enhance indoor environmental quality, and reduce environmental impact of materials. The efficiency of the building addition design will maximize the usable square footage area. In addition, the permanent exhibit area will be redesigned to identify substantial energy savings based on the installation of new lighting and the deployment of advanced technology in the new exhibits.

A summary of the primary characteristics of the construction and operation of the proposed Learning Center addition is provided in Table 2-1.

### **2.3 Other Alternatives Considered**

The primary purpose of the proposed project is to provide additional facilities to house educational and meeting space. All available square footage at the Ford Museum has been dedicated to the various functions of the Ford Museum, leaving no alternative but to create a new program/educational space to meet the public needs and offerings of the Ford Museum. Beginning in 2011, the Ford Foundation and NARA carefully considered a range of options for layout and configuration of the Learning Center. Key considerations included the following:

- *Site Constraints.* A new addition has previously been constructed on the north side of the Ford Museum. Since the Ford Museum's main entry is on the east side of the building and Scribner Avenue NW is adjacent to the Ford Museum on the west side, the south façade of the building was the logical choice for the Learning Center addition.

- *Existing Entry.* Utilization of the existing Ford Museum entry in lieu of providing a separate entry for the Learning Center was desired to reduce the project cost and provide one point of security.

No other potential site is likely to have the advantages of the proposed site in meeting these considerations or be environmentally preferable.

**Table 2-1. Primary Characteristics of the Learning Center Addition to the Ford Museum**

Project Feature	Characteristic	Value
Construction	Study area	1.28 acres
	Learning Center addition	0.09 acre
	Access road and drop off lane	0.025 acre
	Sidewalks and service access	0.19 acre
	Bio-retention area	0.19 acre
Depth of Excavation	8-ft foundations	Based on geotechnical investigation
Employment Workforce	Construction workforce	40 workers
	Operation workforce	Two additional employees
Sanitary Sewer	New 36-inch pipeline; existing 72-inch pipeline abandoned in place	278 feet on Ford Museum property 171 feet in Scribner Ave
Storm Sewer	Stormwater will be routed to a bio-retention areas prior to discharge to the Grand River	See Figure 2-1 for location of bio-retention areas
Landscaping	13 trees to be removed; 4 to be relocated; 13 newly planted trees	See Landscaping Plan (Appendix A, sheets L101 through L103)



**Figure 2-1 Proposed Action**

## 3.0 Affected Environment and Environmental Consequences

### 3.1 Introduction

This section describes the baseline environmental conditions potentially affected by the proposed construction and operation of the Learning Center addition and an assessment of impacts of the project on the environmental resources identified. The study area for determining impacts to most of the resources studied in this EA included the project site and resources within a 1-mile radius.

Where the effects of the proposed action extend beyond the 1-mile radius, a larger study area was used for that specific analysis. For example, the socioeconomic analysis considered data at the county level as this is the area where most of the construction workforce would be located. For impacts to cultural and historic resources, the Area of Potential Effects (APE) was limited to the project site and any historic properties within a half-mile radius.

NARA considered all appropriate environmental factors potentially influenced by the proposed project as part of this analysis. From this review, NARA was able to focus its environmental review on specific resources and eliminate others from further evaluation.

The EA does not contain detailed discussions on resources not found in the study area, or that would not be impacted by any of the alternatives. These include:

- **Coastal and Estuary Areas.** The project area is located entirely in an inland location, and coastal and estuary areas are absent from the project vicinity.
- **Wild and Scenic Rivers.** No wild and scenic rivers designated under the Wild and Scenic Rivers Act of 1968 are present in the project area.
- **Mineral and Energy Resources.** No mineral or energy resource mines or sources are located within the project area.
- **Agriculture and Prime Farmland.** This project is located in a densely developed urban area and contains no agricultural lands and all adjacent land is developed or zoned for purposes other than agriculture.

A discussion of resources retained for detailed analysis is provided in the following sections.

### 3.2 Water Resources

#### 3.2.1 Surface Water Resources

##### 3.2.1.1 Affected Environment

The existing conditions within the project site include a grass lawn, asphalt pavement areas, and concrete sidewalk. There are no surface water resources within the immediate project area. However,

the Grand River is located less than 300 feet to the east and is within the study area. The Grand River is the longest river in the State of Michigan and flows for a total of 252 miles. The federal Clean Water Act (CWA) Section 303(d) requires that states develop a list of the streams and lakes that need additional pollution controls because they are water quality limited or are expected to exceed water quality standards in the next two years. The segment of the Grand River that flows through Grand Rapids was listed by Michigan Department of Environmental Quality (MDEQ) in its 2014 303(d) report as having high levels of mercury and polychlorinated biphenyls (PCBs) in the water column and PCBs in fish tissue (MDEQ, 2014).

The current storm drainage system along the south side of the Ford Museum property consists of stormwater being collected and conveyed within a closed drainage system located near the parking lot (see Appendix A). The storm drain connects to a combined sewer and eventually flows into the Grand River to the east.

### **3.2.1.2 Environmental Consequences**

The No Action Alternative would not affect surface water resources or change the current stormwater management design at the Ford Museum; therefore there would be no impacts to surface water resources.

Under the Proposed Action, no direct impacts would occur to any surface water resources. Sedimentation and erosion from the project site would be controlled through the implementation of erosion control and prevention Best Management Practices (BMPs). The proposed project includes the addition of a bio-retention area between the Learning Center addition and the parking area. Following construction, the stormwater would be treated and allowed to infiltrate in the bio-retention area rather than discharge directly to the Grand River. Some localized surface drainage that currently discharges directly to the Grand River would also be rerouted to the bio-retention area and an overflow structure would be provided should the bio-retention area capacity be exceeded. All work related to the construction of the stormwater management system will be done in accordance with the City of Grand Rapids Standard Construction Specifications.

The addition to the building would be a change from the current condition and add more impervious surface to the building footprint. However the redesigned parking area would include additional pervious, landscaped surfaces and the bio-retention area to compensate for the proposed addition. Therefore, the proposed project would not have any significant impacts on surface water resources.

## **3.2.2 Groundwater Resources**

### **3.2.2.1 Affected Environment**

Groundwater aquifers in the general Grand Rapids area include the glacial drift and bedrock (Marshall Sandstone), which underlies the Michigan Formation. Within the study area, the glacial drift is not

thick enough to support a viable aquifer and the bedrock layer starts at approximately 550 feet above mean sea level. The Marshal Sandstone is used in surrounding areas to supply drinking water to homes, businesses, and agricultural irrigation. However, the City of Grand Rapids obtains its potable water exclusively from Lake Michigan located approximately 30 miles west. During a field investigation, groundwater at the project site was encountered at 15 to 20 feet below ground surface.

### **3.2.2.2 Environmental Consequences**

There would be no impacts to groundwater resources under the No Action Alternative as the Learning Center addition would not be built at the Ford Museum.

The Proposed Action will involve excavation for foundation construction and placement of the proposed 36-inch sanitary sewer. Because groundwater was encountered substantially below the anticipated excavation depth for the foundation, there would be no impact to groundwater.

Based on the geotechnical evaluations done at the project site, groundwater would likely be encountered during placement of the proposed 36-inch sanitary sewer. Therefore, localized groundwater impacts associated with the placement of the sewer would be expected. Groundwater control systems such as dewatering would be used to control groundwater infiltration into the excavation site. The water would be removed from the excavated area using portable pumps and pumped through filter bags before being discharged into a nearby storm sewer. Since such activities are localized, and generally limited to the construction phase, impacts from construction are expected to be minor and not significant.

### **3.2.3 Wetlands**

#### **3.2.3.1 Affected Environment**

In the State of Michigan, the MDEQ regulates the discharge of fill material into wetlands under Part 303, Wetlands Protection, of the Natural Resources and Environmental Policy Act, 1994 PA 451, as amended. Additionally, Executive Order (EO) 11990 (Protection of Wetlands) requires federal agencies to avoid, to the extent possible, adverse impact to wetlands.

The MDEQ defines a wetland as “land characterized by the presence of water at a frequency and duration sufficient to support, and that under normal circumstances does support, wetland vegetation or aquatic life, and is commonly referred to as a bog, swamp, or marsh.” (Act 451 of 1994 Part 303 Section 324.30301). This protection and definition applies to both public and private lands regardless of zoning or ownership.

The Ford Museum is located near the western bank of the Grand River. The project area consists of landscaped grounds of the existing Ford Museum building, walking paths, and parking area. A preliminary site investigation did not reveal wetland vegetation or hydrology indicators, therefore a more detailed analysis was not warranted. Additionally, there are no wetland resources mapped by

MDEQ or the National Wetland Inventory (NWI) in the project site. There are some small NWI mapped wetlands located within the study area along the Grand River but they are located outside of the project site.

### **3.2.3.2 Environmental Consequences**

Under the No Action Alternative, NARA would not build the addition to the Ford Museum. Therefore, there would be no impacts to wetland resources.

Under the Proposed Action, NARA would not impact any existing wetland resources as there are none located in the project site. Therefore, the proposed action would not result in any impacts to wetland resources.

### **3.2.4 Floodplains**

#### **3.2.4.1 Affected Environment**

As a federal agency, NARA is subject to the requirements of EO 11988, Floodplain Management. The objective of EO 11988 is "...to avoid to the extent possible the long- and short-term adverse impacts associated with the occupancy and modification of floodplains and to avoid direct and indirect support of floodplain development wherever there is a practicable alternative." The EO is not intended to prohibit floodplain development in all cases, but rather to create a consistent government policy against such development under most circumstances. The EO requires that agencies avoid the 100-year floodplain unless there is no practicable alternative.

A review of the Federal Emergency Management Agency Flood Insurance Rate Map for the project area (Panel Number 2601060020C), indicates that the Ford Museum is not located within the 100-year floodplain of the Grand River (Figure 3-1). The existing Ford Museum building borders a surface road along the adjacent city park that is located atop an earthen berm above the river. There have been no flooding issues within the project area since 1981 when the original building was opened.

#### **3.2.4.2 Environmental Consequences**

The No Action Alternative would not include any construction or operation changes at the project area, therefore, there would be no impacts to designated floodplain resources.

The proposed action would not be located within the 100-year floodplain of the Grand River and there would be no impacts to the 100-year floodplain as a result of construction or operation of the proposed project. Since this area is protected by the earthen berm to the east and has not had a history of flooding, no mitigation measures would be needed.



**Figure 3-1. Floodplain Resources in Study Area**

### **3.3 Biological Resources**

#### **3.3.1 Affected Environment**

The Ford Museum is located within downtown Grand Rapids, which consists of urban developed land uses and previously disturbed lands. Within the project area, terrestrial resources include a maintained lawn and landscaped areas. The trees located adjacent to the Ford Museum were planted in 1980 and include Austrian pine, dawn redwoods, and a variety of maples. The vegetation within the project site is maintained regularly and does not contain intact, high-quality native plant communities. Common bird and mammal species that may occur in such urbanized landscapes include common crow, American robin, gray squirrel, and other species.

Within the study area, the Grand River is home to a variety of fish species, including many targeted for recreational fishing. Common species include steelhead, salmon, brown trout, and walleye.

#### **3.3.2 Environmental Consequences**

Under the No Action Alternative, there would be no impacts to terrestrial or aquatic resources.

Under the Proposed Action, selected trees and shrubs will be removed to accommodate the re-designed parking lot and drop-off driveway. It is estimated that 13 trees adjacent to the Ford Museum building will be removed and four will be relocated. The Proposed Action includes landscaping the newly designed parking area and installation of the bio-retention area. As shown on the Landscape Plan (Appendix A, sheets L101 through L103), landscape planting will incorporate evergreen and deciduous trees, shrubs, and native grasses and forbs that were selected to complement the proposed surface improvements. The Landscaping Plan includes the planting of 13 new trees within the study area to replace the ones that will be removed, therefore there will be no net loss of trees. While the Grand River is not directly impacted by project construction, it could potentially be indirectly impacted by erosion and sedimentation from construction activities. However, these impacts would be mitigated through the implementation of BMPs, including erosion control and prevention measures at the construction site. Therefore, there are no impacts to biological resources due to the Proposed Action.

### **3.4 Ecologically Sensitive Areas and Endangered Species**

#### **3.4.1 Affected Environment**

The Endangered Species Act of 1973 provides broad protection for species of fish, wildlife, and plants that are listed as threatened or endangered in the United States or elsewhere. The Endangered Species Act outlines procedures for federal agencies to follow when taking actions that may jeopardize federally listed species or their designated critical habitat. The list of federally protected species is developed and maintained by the US Fish and Wildlife Service and National Marine Fisheries Service (for most marine life).

The State of Michigan provides protection for species considered threatened and endangered under the Endangered Species Act of the State of Michigan (Part 365 of PA 451, 1994 Michigan Natural Resources and Environmental Protection Act). The list of state protected species is developed and maintained by the Michigan Department of Natural Resources (MDNR). This list also includes species of special concern, which are not afforded legal protection but are of concern due to their declining or relict populations in the state. The MDNR also identifies extirpated species, which are those that can no longer be found in the State of Michigan, but which can be found elsewhere in the world. Within Kent County, MDNR has identified 107 protected plant and animal species. Of these species, 13 are endangered, 46 are threatened, 47 are species of special concern, and one is presumed extirpated.

Within the State of Michigan, the US Fish and Wildlife Service identified 24 federally threatened or endangered species, including 16 animal species and eight plant species. Of those species, only five are identified as potentially occurring in Kent County. These species include the snuffbox mussel (*Epioblasma triquetra*), Karner blue butterfly (*Lycaeides melissa samuelis*), Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), and eastern massasauga (*Sistrurus catenatus*). Three of these species are also identified by MDNR for state protection. A description of the federally listed species and their preferred habitat is discussed below. It should be noted that no designated critical habitats for any listed species or ecologically sensitive areas have been documented within the project site or study area.

**Snuffbox:** The snuffbox mussel is listed as endangered at both the federal and state levels. The snuffbox is a medium-sized mussel (up to 2 inches) that is triangular in shape. Its preferred habitat includes sand, gravel, or cobble substrates in small to medium-sized creeks with a swift current. Within Michigan, this mussel is found in rivers in the eastern and southeastern portions of the state. This species was last observed in Kent County in 2012.

**Karner Blue Butterfly:** This species is listed as federally endangered and state threatened. It is a small butterfly with a wingspan of only about 1 inch. Its preferred habitat includes landscapes composed of sandy soils, which supported oak or oak-pine savanna or barrens prior to European settlement. Since their historic habitat suffers from fire suppression efforts, the butterfly often occurs in openings, old fields, and right-of-ways surrounded by close-canopied oak forest. The larvae of this species feeds exclusively on wild lupine, however the adults visit a wide variety of flowering plants for nectar. This species was last observed in Kent County in 2004.

**Indiana Bat:** The Indiana bat is listed as federally endangered and state endangered. Indiana bats roost and form maternity colonies under loose bark or in hollows and cavities of mature trees in the floodplain forest. In Michigan, savanna habitats adjacent to riparian corridors may have been historically important for roost sites, as the bats are thought to prefer sun-exposed trees for maximum warmth at the northern limit of their range. In winter, Indiana bats primarily hibernate in caves in

Kentucky, Indiana, and Missouri, although a new hibernacula site has been found in northern Michigan at a hydroelectric facility. The Indiana bat is not identified by MDNR as occurring within Kent County.

**Northern Long-Eared Bat:** This bat species is proposed to be listed as federally endangered but is not listed for protection by MDNR. In general, habitat use by northern long-eared bat is thought to be similar to that by Indiana bat, although northern long-eared bats appear to be more opportunistic in selection of summer habitat. Suitable winter habitat includes underground caves and cave-like structures (e.g., abandoned or active mines, railroad tunnels). During summer this species roosts singly or in colonies in cavities, underneath bark, crevices, or hollows of both live and dead trees. Northern long-eared bat forages in upland and lowland woodlots, tree-lined corridors, and water surfaces, feeding on insects.

**Eastern Massasauga:** This species is listed as a candidate for federal protection and as a species of special concern in Michigan. Populations in southern Michigan are typically associated with open wetlands, particularly prairie fens, while those in northern Michigan are known from open wetlands and lowland coniferous forests, such as cedar swamps. Massasauga habitats generally appear to be characterized by (1) open, sunny areas intermixed with shaded areas, presumably for thermoregulation; (2) presence of the water table near the surface for hibernation; and (3) variable elevations between adjoining lowland and upland habitats. This species was last observed in Kent County in 2005.

### **3.4.2 Environmental Consequences**

There would be no impacts to ecologically sensitive areas or endangered species under the No Action Alternative.

The Proposed Action would not result in impacts to ecologically sensitive areas or endangered species. The project area includes land that is continuously disturbed from development and maintenance and does not contain intact, high-quality habitat areas. The small grassy lawn areas within the existing landscape around the Ford Museum are regularly mowed and the trees are not of species appropriate for bat roosting. The project site does not include the preferred habitat of any of the species listed for protection. Additionally, there are no designated critical habitats or ecologically sensitive areas within the project area.

## **3.5 Geology and Soils**

### **3.5.1 Affected Environment**

The surficial geology at and near the project site consist of glacial lake bed sand and spill way channels (Curran et al., 1981). This indicates that the area was formerly a glacial lake with clay, silt and sand deposition, and later a spill way for glacial melt that deposited sands and gravels. In more recent history, the surface soil has been disturbed due to urban development. Post glacial alluvium is

expected to be located along the bank of the Grand River located east of the Ford Museum just beyond the Ah-Nab-Awen Park.

The Michigan Formation underlies glacial drift in the area of Ford Museum. The Michigan Formation is generally composed of greenish gray and dark gray shale but is lithologically variable and also includes discontinuous beds of sandstone, limestone, dolostone, gypsum, and anhydrite. Gypsum was and is mined in the Grand Rapids area from subsurface mines in the Michigan Formation. The Bayport Lime overlies the Michigan Formation to the north and east, however is not located in the study area.

Materials Testing Consultants completed a geotechnical investigation of the project site in January 2015. Soil borings conducted at the site encountered 8 to 20 feet of sand fill followed by sand and clay glacial drift. There are no karst, underground mines, or other geologic features of concern located within the project site.

Soil maps available through the Natural Resources Conservation Service (NRCS, 2015) indicate that soils on the project site are categorized as Urban Land. Urban Land soils are comprised of fills and reworked soils associated with developed areas. These soils have been altered to the extent that their original characteristics are no longer present.

### **3.5.2 Environmental Consequences**

There would be no impacts to geologic resources or soils under the No Action Alternative as the Learning Center addition would not be built at the Ford Museum.

The Proposed Action will involve excavation for foundation construction and placement of the proposed 36-inch sanitary sewer. Due to the absence of any significant geologic features, and given the already disturbed soils in the project area, there would be no impacts to geologic features or soils due to the Proposed Action.

## **3.6 Visual Resources**

### **3.6.1 Affected Environment**

The Ford Museum was built in 1981 and designed by Marvin DeWinter Associates. The two-story triangular-shaped building includes a concrete and glass exterior. The east side of the building is enclosed by a 300-foot-wide glass wall providing a view of the river and downtown Grand Rapids. The glass along this wall is mirrored to allow the skyline of downtown Grand Rapids to be viewed from the east side of the river. The main entrance features a reflecting pool and fountain to welcome visitors. The Ford Museum is part of a 20-acre park complex along the west bank of the Grand River in downtown Grand Rapids that also includes the Grand Rapids Public Museum. The Ford Museum is linked with downtown hotels and shops through a broad pedestrian bridge. The grounds around the

Ford Museum include maintained lawn and landscaped areas consisting of a variety of trees, shrubs, herbaceous plantings.

### **3.6.2 Environmental Consequences**

The No Action Alternative would not change the current visual conditions at the Ford Museum, therefore there would be no impacts.

Under the Proposed Action, the new addition would be aesthetically similar to the existing Ford Museum building. The proposed exterior walls would consist of insulated precast concrete panels with an exposed aggregate finish, similar to that of the existing cast-in-place concrete exterior building walls. There would be no impacts to the other elements of the Ford Museum grounds, including the fountain, reflecting pool, and glass wall. While some trees and shrubs would be removed from the grounds for the proposed addition, the grounds would be restored with new plantings that complement the proposed surface improvements and are coherent with the current visual elements.

During construction, there would be short-term impacts on the aesthetics of the Ford Museum grounds due to the addition of construction-related equipment and additional personnel. The construction phase is anticipated to only last approximately 10 months, therefore any impacts would be minor and temporary. Overall, the proposed action would be compatible with the existing building and surrounding park-like environment and would not have any impacts on visual resources.

## **3.7 Cultural and Historic Resources**

### **3.7.1 Affected Environment**

Federal agencies are required by the National Historic Preservation Act and by NEPA to consider the possible effects of their proposed actions (“undertakings”) on historic properties (generally, “cultural resources”). Cultural resources include, but are not limited to: prehistoric and historic archaeological sites, districts, buildings, structures, and objects; and locations of important historic events that lack material evidence of those events. Cultural resources that are included in, or considered eligible for inclusion in, the National Register of Historic Places (NRHP) maintained by the National Park Service are called *historic properties*. To be included or considered eligible for inclusion in the NRHP, a historic property must possess integrity of location, design, setting, materials, workmanship, feeling, and association. It must also be associated with important historical events; or associated with the lives of significant historic persons; or embody distinctive characteristics of a type, period, or method of construction or represent the work of a master, or have high artistic value; or yield information important in history or prehistory.

The Ford Museum was completed in 1981 and an addition was constructed on the north façade in 2002. The building is not listed in the NHRP, however, the building is associated with President Gerald R. Ford, a person significant in our past (National Register criterion B). Therefore, NARA

recognizes that the building may be eligible for inclusion in the National Register under National Register special criterion G, a property achieving significance within the past 50 years because of its exceptional importance.

NARA defined the archeological APE for the proposed action as the proposed limits of construction and improvements, as these are the areas within which ground disturbance may occur. The APE has undergone ground disturbance from historic building episodes, construction of canals, and from modern urbanization. In February 2002, Commonwealth Cultural Resources Group, Inc. (CCRG) conducted deep site testing on the north side of the Ford Museum in support of a prior expansion of the Ford Museum. CCRG excavated two backhoe trenches and reported a 450 to 500 centimeter thick modern/historic fill present on the property. CCRG also identified the bottom of the 19th century canal. They state in their report that past canal construction most likely destroyed any prior occupations within the footprint of the existing building. Based on the vicinity of the project area to the 2002 CCRG archaeological study, the current APE is most likely heavily disturbed with a low potential for intact archaeological deposits.

NARA undertook Section 106 consultation with the Michigan State Historic Preservation Office (MSHPO) as well as 12 federally recognized tribes in Michigan (Appendix B). The consultation process included providing the MSHPO and tribes with a description of the proposed undertaking and soliciting any comments on potential impacts.

In consultation with the MSHPO, NARA defined the architectural APE for the proposed action as the proposed limits of construction and improvements and any historic properties within a half-mile radius (Figure 3-2). There are no NRHP properties located within the project site, however, NARA identified five historic properties within a half-mile of the Ford Museum: (1) Fine Arts Building (Amway Grand Hotel) (2) Goodspeed Brothers Building, (3) Michigan Trust Company Building, (4) Aldrich Building, and the (5) US Post Office. Additionally, there are three NRHP listed historic districts: (1) Ledyard Block Historic District, (2) Heartside Historic District, and the (3) Aldrich, Godfrey, and White Block. The nearest historic property is the Amway Grand Hotel, located across the Grand River.

### **3.7.2 Environmental Consequences**

Under the No Action Alternative there would be no impacts to cultural or historic properties.

Under the Proposed Action, the Learning Center addition would be consistent with the Secretary of the Interior's Standards for Rehabilitation and would have a positive impact on the character-defining features of the building. Therefore, there would be no impacts to the historical fabric of the Ford Museum or its eligibility for inclusion in the National Register.



Due to the urbanization of the study area, no viewshed or visual effects are anticipated to historic properties located within a half-mile radius of the project site. A site visit to the nearest historic property, the Amway Grand Hotel, revealed the presence of modern buildings adjacent to the hotel. Additionally, the project site is not located within any of the identified historic districts.

While the lands within the project site have a low potential for intact archeological deposits, this section of land along the Grand River is sensitive for the presence of Native American cultural resources, including burials. NARA concluded that the Proposed Action would have “no adverse effect” on historic properties, per 36 CFR 800.5(b). In a letter dated February 12, 2015, the MSHPO concurred with the no adverse effect finding (Appendix B.1). In response to the initial Section 106 consultation letter, NARA received responses from the Bay Mills Indian Community, Little Traverse Bay Bands of Odawa Indians, and the Saginaw Chippewa Indian Tribe of Michigan (Appendix B.1). It was recommended that a professional archaeologist monitor all ground disturbing activities associated with construction of the Learning Center to avoid any impact to potential Native American cultural resources.

### **3.8 Public Services and Utilities**

#### **3.8.1 Affected Environment**

The City of Grand Rapids provides water, wastewater treatment, and solid waste disposal services to the Ford Museum site. Natural gas is provided by DTE Energy and electric service is provided by Consumers Energy. Police, fire protection and emergency services are provided by the Grand Rapids Police and Fire departments.

The existing public sanitary sewer at the project site parallels the southwest wall and is offset approximately 25 feet. A 4-inch sanitary lateral services the building and parallels the west end of the southwest wall before branching off and entering the building at three locations: one near the center and two near the west end of the southwest wall. An existing 4-inch ductile iron water service line enters the building on the southwest wall near the west end and is fed by a water main in Scribner Avenue. An existing 8-inch fire service main parallels the southwest wall and wraps around to the northwest side of the building. This main is connected to and fed by a 12-inch water main in the vacated Front Street right-of-way. At the west end of the southwest side building wall, an 8-inch fire service enters the building, and hydrants are connected to this fire service main near the northeast and southeast corners of the building.

### **3.8.2 Environmental Consequences**

The No Action Alternative would have no impact on public services or utilities. The facility would continue to utilize energy at current rates.

Under the Proposed Action, construction of the Learning Center addition requires the existing public sanitary sewer pipe that parallels the southwest building wall to be filled with grout and abandoned in place. This pipe will be downsized to a 36-inch diameter pipe located to the south to divert sanitary flow around the proposed building addition. The existing sanitary laterals would be connected directly to the new proposed sanitary sewer. Construction of the 36-inch pipe would include 278 feet within the Ford Museum property and an additional 171 feet in Scribner Avenue about 520 feet north of Pearl Street. A new public utility easement will be granted to the City of Grand Rapids.

Other utility service lines within the project site would require minor adjustments to accommodate the building addition. A portion of the 8-inch fire service main paralleling the southwest wall of the building would be replaced along with the 8-inch fire service line in order to install the new sanitary sewer. The post indicator valve and hydrant located near the southwest corner of the building would likely be relocated. Phasing of all utility line construction will be accomplished without significantly disrupting services to existing customers.

Additionally, given the relatively small size of the project and the projected increased demand, it is expected that the existing utility systems have sufficient capacity to handle the increased demand.

The Learning Center will not house artifacts, exhibits, or library functions, and working space for the archival curatorial and educational staff will remain in the existing Ford Museum. Therefore, requirements of NARA-1571 will be modified as applicable to the function of the Learning Center Addition to attain the required U.S. Green Building Council LEED-NC V 2009 Silver Certification. To meet LEED-NC certification, current state of the art energy efficiencies will be designed into the project. For example, low flow fixtures would be installed in restrooms to minimize water usage. Therefore, the impact on public utilities is expected to be minimal and no mitigation measures will be necessary.

## **3.9 Transportation and Parking**

### **3.9.1 Affected Environment**

The Ford Museum is bounded by Pearl Street to the south, Scribner Avenue NW to the west, Ah-Nab-Awen City Park to the east, and the Ford Foundation staff parking lot to the north. The primary access to the Ford Museum is from Pearl Street, which bridges the Grand River into downtown Grand Rapids. Pearl Street is a four-lane road running east-west and is controlled by a traffic signal at the intersection with Scribner Avenue NW. Scribner Avenue NW is a two-lane road

running north-south, with bus parking on the east side of the road. Scriber Avenue NW provides access from the west side of the library as well as to the elevated highway US 131.

Parking areas and driveways on the project site are finished with asphalt paving with 30-inch concrete curb and gutter. There are two parking lots located on site: the visitor parking lot located to the south, and the staff parking lot to the north of the Ford Museum. The visitor lot contains 106 vehicle parking spaces, five handicap spaces, two van accessible spaces, and seven motorcycle spaces. The staff lot contains 64 parking spaces, two handicap spaces, and two van accessible spaces.

### **3.9.2 Environmental Consequences**

Under the No Action Alternative, there would be no impacts to transportation and/or parking as the current conditions would remain.

Under the Proposed Action, the parking lot on the south side would be reconfigured and all construction would be adjacent to the existing Ford Museum and would not physically interfere with any public transportation corridors, local, state, or federal roadway systems.

The relocation of the sanitary sewer requires the elimination of the existing drop-off lane on the north side of the visitor parking area. Consequently, the north end of the parking lot will be reconfigured to act as drop-off driveway and provide parking access. The number of parking spaces will not be affected. The proposed project is not anticipated to increase the staff by more than a few people, which would have a negligible impact on the parking requirements. However, the proposed additional education space is anticipated to notably increase school group visitation. Bus parking is available on Scribner Avenue NW, and in the Museum's south parking lot. Given the nature of school visitation, bus parking at the facility can readily accommodate any increase in student visitors.

A new 5-foot wide concrete sidewalk with a 12x22-foot concrete unloading area (see Figure 2-1 and Appendix A) for deliveries. This drive will be accessed from the north end of the visitor parking lot. Delivery traffic will not interfere with traffic circulation within the parking lot.

Construction of the Learning Center addition is expected to be carried out by local contractors consisting of a crew of up to 40 temporary workers. Under the Proposed Action, a short-term impact to existing parking and a low-volume short-term increase in traffic along Pearl Street and Scribner Avenue NW may occur due to the additional workers employed at the site during construction. Pedestrian access will be temporarily impacted during the reconfiguration of the north end of the visitor parking lot. Temporary paths will be established to allow access for visitors to the Learning Center, and existing sidewalks will be replaced in-kind.

Therefore, the Proposed Action would have no long-term impact on existing traffic and transportation patterns and no mitigation measures would be necessary.

## **3.10 Air Quality**

### **3.10.1 Affected Environment**

The Clean Air Act regulates the emission of air pollutants and, through its implementing regulations, establishes standards (National Ambient Air Quality Standards [NAAQS]) for several criteria pollutants that are designed to protect the public health and welfare with an ample margin of safety. The criteria pollutants are ozone, particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxide and lead. Specified geographic areas are designated as attainment, nonattainment or unclassifiable for specific NAAQS. Areas with ambient concentrations of criteria pollutants exceeding the NAAQS are designated as nonattainment areas, and new emissions sources to be located in or near these areas are subject to more stringent air permitting requirements.

According to the US Environmental Protection Agency's (USEPA) Green Book (USEPA, 2015) and MDEQ (MDEQ, 2015) websites, the Ford Museum project site is located in an area that is in attainment for all USEPA and State of Michigan criteria air pollutants.

### **3.10.2 Environmental Consequences**

There would be no impacts to air quality under the No Action Alternative.

Under the Proposed Action, emissions from internal combustion engines and generation of dust could temporarily increase levels of some pollutants locally during the construction phase. This construction activity would be limited to small capacity excavators, drill rigs, trucks and other construction equipment over a period not to exceed 10 months. Emissions would be intermittent, appropriate construction BMPs would be observed, and engines would be properly maintained in order to reduce emissions. Operation of the Learning Center addition is not considered to be a source of air emissions; however, periodic use of vehicles and equipment to maintain the Learning Center addition would occur on a limited and infrequent basis. Therefore, impacts to air quality are expected to be short-term and minor and no mitigation is needed.

## **3.11 Noise**

### **3.11.1 Affected Environment**

The ambient noise environment at the Ford Museum is mainly influenced by traffic on the adjacent roads: Scribner Avenue NW, elevated US 131, and Pearl Street. The nearest residential areas are located approximately a quarter mile east of the Ford Museum. The only sensitive noise receptors within the study area are visitors along the Grand Rapids riverfront, especially those using the Ah-Nab-Awen Park located adjacent to the east side of the Ford Museum.

### **3.11.2 Environmental Consequences**

There would be no change to the existing noise environment under the No Action Alternative.

The Proposed Action would result in temporary increases in the ambient noise associated with construction activities. However, construction will be limited to daytime hours, when background noise is at its highest. Additionally, construction is estimated to last for 10 months so any impacts due to construction would be short term. Due to the temporary and intermittent nature of construction and the attenuating effects of noise levels over distance, construction phase impacts to sensitive noise receptors would be minor.

Average visitor attendance to the Ford Museum for the past four years is 250,000 visitors annually, including 7,000 students. Given the anticipated increase in visitors and associated traffic, noise levels throughout the operating hours are also expected to increase. However because ambient noise is primarily derived from traffic on surrounding roadways, the noise associated with the increased visitation will be minimal.

## **3.12 Hazardous Materials**

### **3.12.1 Affected Environment**

Current land uses within the project site include the Ford Museum building, landscaped grounds, and associated parking. The Ford Museum does not make nor produce hazardous materials. A database search of information published by state and federal regulatory agencies for the Ford Museum and adjacent and surrounding properties was performed by Environmental Data Resources (EDR, 2015). It should be noted that regulatory listings are limited and include only those sites that are known to the regulatory agencies at the time of publication to be contaminated, regulated, or in the process of evaluation for potential contamination, and within the specified search radius. The results of the database search are summarized in Table 3-1 and the complete EDR report is included in Appendix C.

### **3.12.2 Environmental Consequences**

The No Action Alternative would have no impacts related to hazardous materials. Therefore, there would be no impact on public health, safety, welfare, and the environment.

As indicated in Table 3-1, the Ford Museum was not identified on any of the regulatory databases reviewed by EDR. Several sites were identified on the regulatory lists within the established search radii from the site, however review of the detailed listings in the EDR report indicate that most of the sites identified are listed on multiple databases. Based on a review of the regulatory listing information, topographic positioning relative to the site and distance, these facilities do not pose a recognized environmental condition to the site and grading and development will not represent a risk to public health or safety.

As previously stated, based on the review of the required resources noted in this section, NARA is unaware of any hazardous materials existing on the site. However, if contaminated soil is encountered during construction, proper disposal methods and construction procedures that minimize disturbance of contaminated soils will be utilized.

**Table 3-1. Results of Regulatory Database Searches**

Database Searched	Search Distance			
	Project Site	Site – 0.25 mile	0.25 – 0.5 mile	0.5 – 1.0 mile
National Priority List (NPL)/ Proposed (NPL) Sites	0	0	0	0
Delisted NPL Sites	0	0	0	0
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)/ Federal Facility	0	0	0	0
CERCLIS - No Further Remedial Action Planned	0	0	1	NR
Corrective Action Report	0	0	0	1
Resource Conservation and Recovery Act Information (RCRA Info) List – Treatment, Storage, and Disposal Facility	0	0	0	NR
RCRA Generators - Large Quantity Generator/Small Quantity Generator/Conditionally Exempt Small quantity Generator	0	0	NR	NR
Federal Institutional Controls/Engineering Controls Registries	0	0	NR	NR
Emergency Response Notification System	0	0	NR	NR
Leaking Underground Storage Tanks	0	2	15	NR
Registered Underground Storage Tanks	0	5	NR	NR
State Registered Above Ground Storage Tanks	0	1	NR	NR
State and Tribal Institutional Control / Engineering Control Registries	0	2	4	NR
State and Tribal Voluntary Cleanup Sites	0	0	0	0
State and Tribal Brownfields Sites	0	0	0	0
US Brownfields	0	0	7	NR
Local Lists of Hazardous Waste/Contaminated Sites – Part 201 sites	0	1	2	14
Local Lists of Hazardous Waste/Contaminated Sites – Inventory Sites	0	6	59	NR
Local Lists of Hazardous Waste/Contaminated Sites – Deleted Part 201 sites	0	0	1	7
RCRA Non Gen / No Longer Reporting	0	4	NR	NR
Baseline Environmental Assessment	0	5	54	NR
Former Manufactured Gas Plants (Coal Gas)	0	0	0	3

NR = not requested at this search distance.

Source: EDR, 2015.

### 3.13 Land Use

#### 3.13.1 Affected Environment

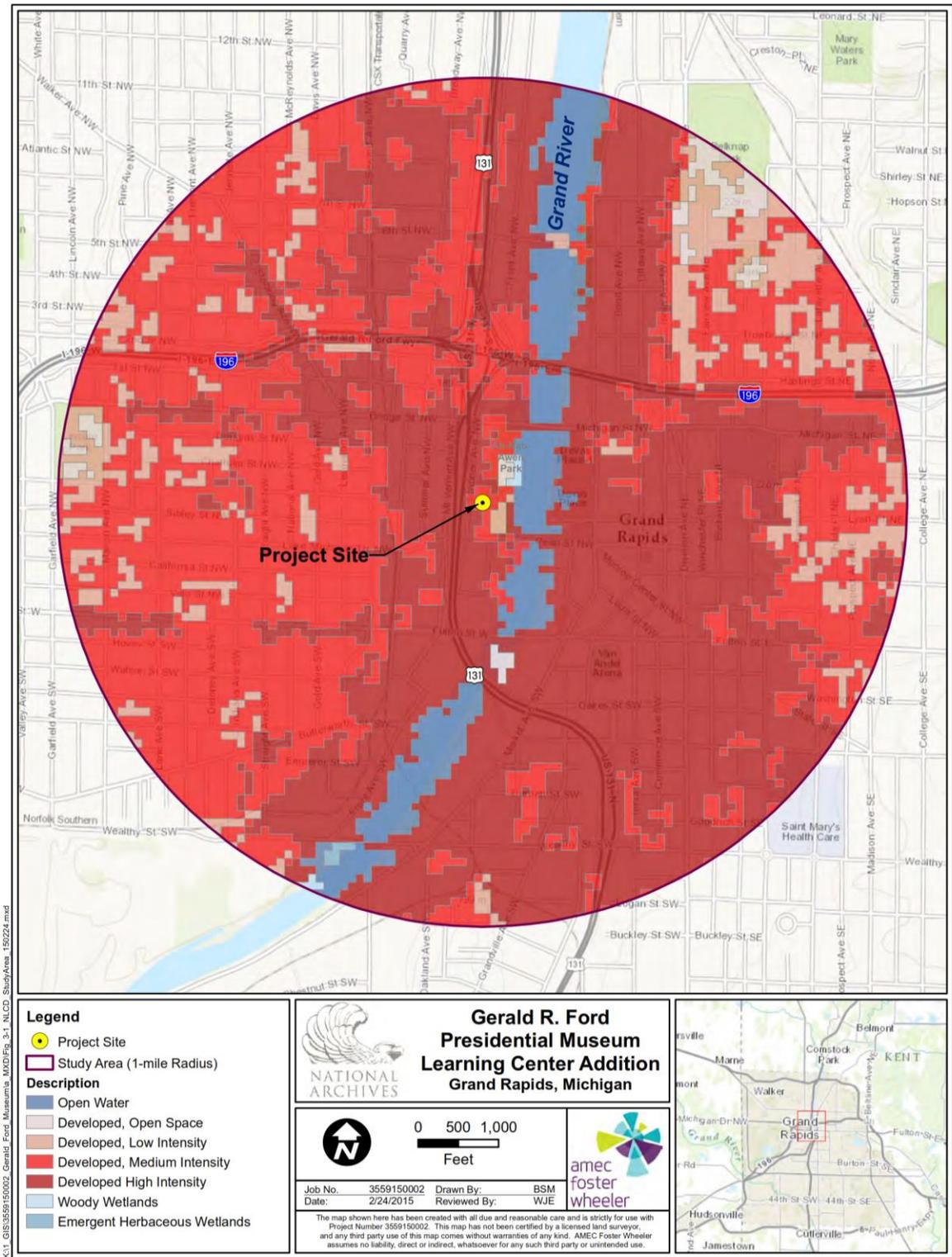
The Ford Museum is located on land currently owned by the federal government and used exclusively for the Ford Museum. The site is bounded to the north, south, and west by public roads and to the east by Ah-Nab-Awen Park and the Grand River. Current land use within the project site is medium intensity development (Figure 3-3). The study area includes a variety of developed land uses, including residential, commercial, and recreation. Most (94.2 percent) of the land use within the study area includes various levels of development (Table 3-2). Other land uses within the study area include open water (5.6 percent), woody wetlands (0.1 percent), and emergent herbaceous wetlands (0.1 percent).

**Table 3-2. Land Use/Land Cover Types within the Study Area**

<b>Land Use/Land Cover Category</b>	<b>Acres</b>	<b>Percent</b>
Developed	1,893.31	94.2%
High Intensity	945.5	47.0%
Medium Intensity	767.2	38.2%
Low Intensity	158.8	7.9%
Open Space	21.8	1.1%
Open Water	113.4	5.6%
Woody Wetlands	2.2	0.1%
Emergent Herbaceous Wetlands	1.6	0.1%
<b>Grand Total</b>	<b>2,010.46</b>	<b>100.0%</b>

The project site is located within the City Center Zoning District. The Ford Museum is located adjacent to but not within the Grand River Overlay District. This zoning district includes the Ah-Nab-Awen Park and other lands along the Grand River and is intended to capitalize on the value of the Grand River as an essential economic, recreational, and environmental resource by encouraging land use changes from industrial to open space and mixed-use development. Future land use planning maps from the City of Grand Rapids includes the project area as part of the downtown development area.

The general park-like setting of the project site lends it to being used for recreational purposes, including as a venue for ArtPrize. The venues for ArtPrize span 3 square miles of downtown Grand Rapids, including the riverfront and the grounds of the Ford Museum.



K:\GIS\3559150002 Gerald Ford Museum\MXD\Fig\_3-1\_NLCD\_StudyArea\_150224.mxd

Figure 3-3. Study Area Land Use/Land Cover

### **3.13.2 Environmental Consequences**

The No Action Alternative would have no impacts to land use as there would be no changes to the existing building.

The Proposed Action would include the building of an addition to the existing Ford Museum on previously developed land. This action would be consistent with the current and future zoning and land use planning initiatives for the project area.

To avoid impacts to ArtPrize, construction activities associated with the Proposed Action would be completed before (sanitary sewer relocation) and after (primary facility construction) the 2015 ArtPrize event. The proposed addition to the Ford Museum would not impact the ability for the Ford Museum to be used as an ArtPrize venue in future years.

### **3.14 Social and Economic Impacts**

#### **3.14.1 Affected Environment**

Socioeconomic characteristics of resident populations are assessed using 2010 US Census Bureau (USCB) and 2009-2013 American Community Survey 5-year estimates. Employment and housing information is provided by the 2009-2013 American Community Survey. Data was accessed through the advanced search in American FactFinder and community QuickFacts available on the USCB website.

The appropriate geographic scales for the analysis of socioeconomic impacts are all census block groups within the study area (project site and resources within a 1-mile radius). This geographic area provides an appropriate context for analysis of the socioeconomic conditions in the vicinity of the project. Additionally, the city of Grand Rapids, Kent County, and the State of Michigan are included as appropriate secondary geographic areas of reference. Comparison at multiple scales provides a more effective definition for socioeconomic factors that may be affected by the proposed action including minority and low income populations.

##### **3.14.1.1 Demographics**

Demographic characteristics of the study area are summarized in Table 3-3. The resident population within the study area is 24,143 or roughly 13 percent of the population of Grand Rapids. Grand Rapids has a population of 192,294. It is the largest city in Kent County (31 percent of the county's population) and the second largest city in Michigan. The Grand Rapids-Wyoming Metropolitan Area has 998,916 people or 10 percent of the total population of Michigan.

**Table 3-3. Demographic Characteristics**

Population Statistic	Study Area*	City of Grand Rapids†	Kent County†	Michigan‡
Population, 2013 estimate	24,143	192,294	621,700	9,898,193
Population, % change, 2010 to 2013	-4.40%	2.30%	3.20%	0.10%
Population, 2010	25,266	188,040	602,622	9,883,640
Persons under 5 years, 2013	8.60%	8.00%	7.00%	5.80%
Persons under 18 years, 2013	23.60%	24.70%	25.40%	22.70%
Persons 65 years and over, 2013	5.70%	11.10%	11.90%	15.00%
Female persons, 2013	49.10%	51.30%	50.90%	50.90%
<b>Racial Characteristics</b>				
White, 2013**	72.50%	64.60%	83.60%	80.10%
Black or African American, 2013**	14.60%	20.90%	10.30%	14.30%
American Indian and Alaska Native, 2013**	1.00%	0.70%	0.70%	0.70%
Asian, 2013**	0.50%	1.90%	2.60%	2.70%
Native Hawaiian and Other Pacific Islander, 2013**	0.10%	0.10%	0.10%	0.00%
Two or More Races, 2013	4.00%	4.20%	2.70%	2.20%
Hispanic or Latino, 2013‡	7.30%	15.60%	10.00%	4.70%
White, not Hispanic or Latino, 2013	78.00%	59.00%	75.30%	76.10%
<b>Economic Characteristics</b>				
Per capita income in past 12 months (2013 dollars), 2009-2013	\$21,267	\$20,214	\$25,889	\$25,681
Median household income, 2009-2013	\$33,955	\$39,227	\$51,667	\$48,411
Persons below poverty level, 2009-2013	39.60%	26.80%	15.50%	16.80%
<b>Housing</b>				
Housing units, 2013	12,079	80,619	247,278	4,525,141
Homeownership Rate, 2009-2013	31.60%	56.30%	70.10%	72.10%
Median value of owner-occupied housing units, 2009-2013	\$109,248	\$109,400	\$137,500	\$121,700
Households, 2009-2013	10,322	72,760	229,373	3,823,280
Persons per household, 2009-2013	2.47	2.5	2.61	2.53

\* USCB, 2014a.

† USCB, 2014b.

\*\* Includes persons reporting only one race.

‡ Hispanics may be of any race, so also are included in applicable race categories.

Growth in the project area has been regressive, however the surrounding city and county have seen an increase in population over the last few years. Since 2010, the population in the project area has decreased by 4.4 percent. During this same period, Grand Rapids and Kent County have grown by

2.3 percent and 3.2 percent, respectively. Meanwhile, Michigan’s growth was relatively static with an increase of only 0.1 percent.

Racial characteristics in the study area are majority white, but with other representative racial and ethnic groups. Demographics in the study area are 72.5 percent white, 14.6 percent black or African American, 1.0 percent Native American, 0.5 percent Asian, 0.1 percent Pacific Islander, and 4.0 percent two or more races. Additionally, Hispanics or Latinos make up 7.3 percent of this population. More whites live in the study area in comparison to the rest of Grand Rapids. However, being a major urban center, the study area and the rest of Grand Rapids are more racially diverse than Kent County and Michigan.

### 3.14.1.2 Economic Conditions

As shown in Table 3-3, median household income in the study area is \$33,955 (\$39,227 in Grand Rapids) which is roughly \$18,000 less than median household income in Kent County and \$12,000 less than the State of Michigan. Per capita income for the project area is \$21,267 (\$20,214 in Grand Rapids), whereas the per capita incomes for Kent County and Michigan are \$25,889 and \$25,681, respectively. Per capita poverty rates in the study (39.6 percent) are more than twice the poverty rates for Kent County (15.5 percent) and Michigan (16.8 percent).

Employment characteristics are shown on Table 3-4. In the study area, 13,082 persons are in the civilian labor force of which 10,774 are employed. This means unemployment in the study area is 12.2 percent of the eligible population and 17.6 percent of the civilian labor force. These unemployment rates are roughly 4 percent higher than unemployment rates of Grand Rapids (8.8 percent of the eligible population and 13.2 percent of the civilian labor force).

**Table 3-4. Employment Characteristics**

<b>Employment Status</b>	<b>Study Area</b>	<b>Grand Rapids</b>
Population >16 years	18,940	147,089
Civilian Labor Force		
Employed	10,774	85,195
Unemployed	2,308	12,920
Subtotal	13,082	98,115
Unemployment		
% of Population >16	12.2%	8.8%
% of Civilian Labor Force	17.6%	13.2%

Source: USCB, 2014a

### **3.14.2 Environmental Consequences**

Under the No Action Alternative, there would be no change in the demographics, employment, and local economy within the project area.

Construction of the Proposed Action is expected to extend for approximately 10 months and the construction workforce is estimated to be 40 workers. During construction, workers could be drawn from the labor force that currently reside in the study area. However, specialty craft workers and laborers not available within the area would be expected to either temporarily relocate to the project area to support construction. The size of the workforce needed during peak construction will not significantly increase the local population. Additionally, because of the short-term duration of construction, no long-term or significant impacts to local demographics are expected. In the long-term, up to two new employees would be required to support the new educational facilities at the Ford Museum. This additional workforce will not impact demographics in the study area.

Potential economic impacts associated with the Proposed Action relate to direct and indirect effects of a large capital construction project and the long-term benefit of the enhancement of educational facilities and offerings at the Ford Museum. The approximate \$3.6 million in capital costs associated with the Proposed Action would have direct economic benefits to the local area and region.

Construction would have a small increase in local employment which would increase associated payroll taxes and income taxes. Additionally, purchases of materials and supplies and procurement of additional services for construction would benefit local and regional firms and subcontractors. Beneficial secondary impacts to the economy are also expected in conjunction with the multiplier effects of large capital construction activities. For example, the hospitality and service industries would benefit from the demands brought by the construction workforce. Any spending would increase revenue generated through sales taxes that would benefit the local economy.

Long-term economic benefits of the Proposed Action would be expected due to an increase in Ford Museum attendance. Currently, 250,000 visitors and 7,000 students visit the Ford Museum annually. The proposed action would increase the student attendance and subsequently increase ticket and other services sales at the Ford Museum. Depending on the travel distance of the attendees, service industries such as local hotels and restaurants could also benefit from the increase in visitors to downtown Grand Rapids.

### **3.15 Environmental Justice**

On February 11, 1994, President Clinton signed EO 12898 Federal Actions to Address Environmental Justice in Minority Populations and Low income Populations. EO 12898 mandates some federal-executive agencies to consider Environmental Justice (EJ) as part of the NEPA. EJ is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income

(USEPA, 2014) and ensures that minority and low income populations do not bear disproportionately high and adverse human health or environmental effects from federal programs, policies, and activities.

Guidance for addressing EJ is provided by the CEQ's Environmental Justice Guidance under NEPA (CEQ, 1997). The CEQ defines minority as any race and ethnicity, as classified by the USCB, as: Black or African American; American Indian or Alaska Native; Asian; Native Hawaiian and Other Pacific Islander; some other race (not mentioned above); two or more races; or a race whose ethnicity is Hispanic or Latino (CEQ, 1997). Low income populations are based on annual-statistical poverty thresholds also defined by the USCB.

Identification of minority populations requires analysis of individual race and ethnicity classifications as well as comparisons of all minority populations in the region. Minority populations exist if either of the following conditions is met:

- The minority population of the impacted area exceeds 50 percent of the total population.
- The ratio of minority population is meaningfully greater (i.e., greater than or equal to 20 percent) than the minority population percentage in the general population or other appropriate unit of geographic analysis (CEQ, 1997).

Low-income populations are those with incomes that are less than the poverty level (CEQ, 1997). The 2014 Health and Human Services Poverty Guidelines states that, an annual household income of \$23,850 for a family of four is the poverty threshold. For an individual, an annual income of \$11,670 or less is below the poverty threshold. A low-income population is identified if either of the following two conditions are met.

- The low income population exceeds 50 percent of the total number of households.
- The ratio of low income population significantly exceeds (i.e., greater than or equal to 20 percent) the appropriate geographic area of analysis.

There are no housing units or resident population within project site. The study area as a whole does not qualify as EJ (see Table 3-3). There are individual EJ block groups for low-income and minority populations in the study area, however, the Proposed Action would not disproportionately impact these populations. Therefore, no further EJ analysis is necessary.

### **3.16 Secondary and Cumulative Impacts**

This section supplements preceding analyses that include in some degree the potential for cumulative adverse impacts to the region's environment that could result from construction and operation of the proposed Learning Center addition. The CEQ regulations (40 CFR 1500-1508) implementing the procedural provisions of the NEPA of 1969, as amended (42 USC 4321 et seq.) define cumulative impact as:

“...the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (federal or non-federal) or person undertakes such other actions” (40 CFR 1508.7).

A cumulative impact analysis must consider the potential impact on the environment that may result from the incremental impact of the project when added to other past, present, and reasonably foreseeable future actions (40 CFR 1508.7). Baseline conditions reflect the impacts of past and present actions. The impact analyses summarized in preceding sections are based on baseline conditions and either explicitly or implicitly already have cumulated the impacts of past and present actions with those of the proposed action.

The project site under consideration in this EA is the approximate 1.2-acre campus of the Gerald R. Ford Museum in Grand Rapids, Michigan. The actual project footprint, however, is much smaller and consists of an approximate 108-foot by 44-foot, 8,000 square foot Learning Center addition. The project site has been previously disturbed with the development of buildings, paved parking areas, and maintained lawn space. The proposed action at this site does not involve expansion of the site or any off-site construction activities

The area surrounding the Ford Museum is currently fully developed. The Learning Center addition would not result in changes to the surrounding land use or increase development in the surrounding area. The planned addition would not encroach on adjacent properties and would be consistent with local planning documents.

There are no known commercial or transportation improvement projects in the vicinity of the site that would contribute to potentially additive effects on environmental resources impacted by the project. However, known reasonably foreseeable actions within the study area include the restoration of the Grand River.

Since 2010, the non-profit organization Grand Rapids Whitewater has been engaged in an analysis of the opportunities and constraints to restore the Grand River through the downtown area to a more natural state. This 2.2-mile stretch of the river extends from Ann Street on the north to Fulton Street to the south and includes the portion of the river that is just east of the Ford Museum. The Grand Rapids Whitewater released the findings of an economic impact study in 2014 which identified the potential for expanded economic activity resulting from new and enhanced recreational uses of the restored river and riverfront. The proposed action would not impact the ability of the Grand Rapids Whitewater to fulfill its mission as there would be no impacts to the Grand River.

No other projects or events were identified that would result in cumulative effects in combination with the proposed action.

### **3.17 Significant Unavoidable Adverse Impacts**

No significant unavoidable adverse impacts are anticipated to result from the construction or operation of the Learning Center addition to the Gerald R. Ford Museum.

### **3.18 Mitigation Measures**

The proposed action would not result in any significant environmental impacts, therefore no mitigation measures are proposed.

## **4.0 Summary and Conclusions**

Both the Proposed Action and the No Action Alternative would result in no significant impact on resources studied in this EA. The Proposed Action would address the purpose and need for the project by constructing a Learning Center to provide additional facilities to house educational programs and meeting space. The Learning Center addition will serve visitors and enhance the Museum's ability to host educational programs, as well as increase the space available for meetings, classes and storage. The Learning Center Addition will serve all visitors, including students and scholars, and by expanding the educational capabilities of the Ford Museum, the Addition will further the public's knowledge of a former president, the presidency, American history, and the workings of the United States Government.

In addition, the Proposed Action will include the addition of a bio-retention area between the Learning Center addition and the parking area. This bio-retention area would function as a small wetland area. This created wetland would improve drainage at the project site, aid in sediment retention, and provide wildlife habitat. Finally, the Proposed Action will be compatible with the existing building and surrounding park-like environment.

## 5.0 Consultation and Coordination

### 5.1 Local Governments and Agency Coordination

NARA distributed initial coordination letters to various agencies and interested parties requesting any comments on the proposed project. Copies of these letters and responses received to date are included in Appendix B. A listing of agencies and interested parties consulted is provided below.

NARA has coordinated with the following local, state, and federal agencies:

- Bureau of Indian Affairs
- City of Grand Rapids
- Gerald R. Ford Presidential Foundation
- Michigan Department of Environmental Quality
- Michigan Department of Natural Resources
- Michigan Historical Center
- Michigan House of Representatives
- Michigan Natural Features Inventory
- Michigan State Historic Preservation Office
- Michigan State Senate
- National Park Service
- US Army Corps of Engineers
- US Fish and Wildlife Service

NARA also initiated Section 106 consultation with the MSHPO and 12 Native American tribes. The Section 106 parties include:

- Bay Mills Indian Community
- Grand Traverse Band of Ottawa & Chippewa Indians
- Hannahville Indian Community
- Keweenaw Bay Indian Community of the Lake Superior Band
- Lac Vieux Desert Band of Lake Superior Chippewa Indians
- Little River Band of Ottawa Indians
- Little Traverse Bay Bands of Odawa Indians
- Match-e-be-nash-she-wish Band of Pottawatomis Indians
- Michigan State Historic Preservation Office
- Nottawaseppi Huron Band of the Potawatomi Indians
- Pokagon Band of Potawatomi Indians
- Saginaw Chippewa Indian Tribe
- Sault Ste. Marie Tribe of Chippewa Indians

All parties included in the initial coordination and Section 106 consultation also received a copy of the Draft and Final EA.

## **5.2 Public Participation**

A Draft EA was published on the NARA website and made available for review for 30 days. A public meeting was held at the Ford Museum on March 26<sup>th</sup>, 2015, at which representatives of NARA and the Gerald R. Ford Library were available to answer questions about the project, as well as receive verbal and written comments. A public notice regarding the public meeting was advertised in the Grand Rapids Press, a local newspaper, on March 9<sup>th</sup> through 11<sup>th</sup>, 2015 (Appendix D). No public comments were received in response to the Draft EA.

## 6.0 References

- Council on Environmental Quality (CEQ). 1997. Environmental Justice: Guidance Under the National Environmental Policy Act. Retrieved from [http://www.epa.gov/oecaerth/environmentaljustice/resources/policy/ej\\_guidance\\_nepa\\_ceq1297.pdf](http://www.epa.gov/oecaerth/environmentaljustice/resources/policy/ej_guidance_nepa_ceq1297.pdf). Accessed December 2014.
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- USEPA, 2014. Environmental Justice: What is Environmental Justice? Retrieved from <http://www.epa.gov/environmentaljustice/>. Accessed December 2014.

## 7.0 List of Preparers

This EA was prepared by Amec Foster Wheeler on behalf of the National Archives and Records Administration. This section presents a list of those who assisted in the preparation of the EA.

### **Proponent**

National Archives and Records Administration  
8601 Adelphia Road, Room 1150  
College Park, MD 20740-6001

Ronald Noll, Space Planning & Projects Branch Chief

### **Consultants**

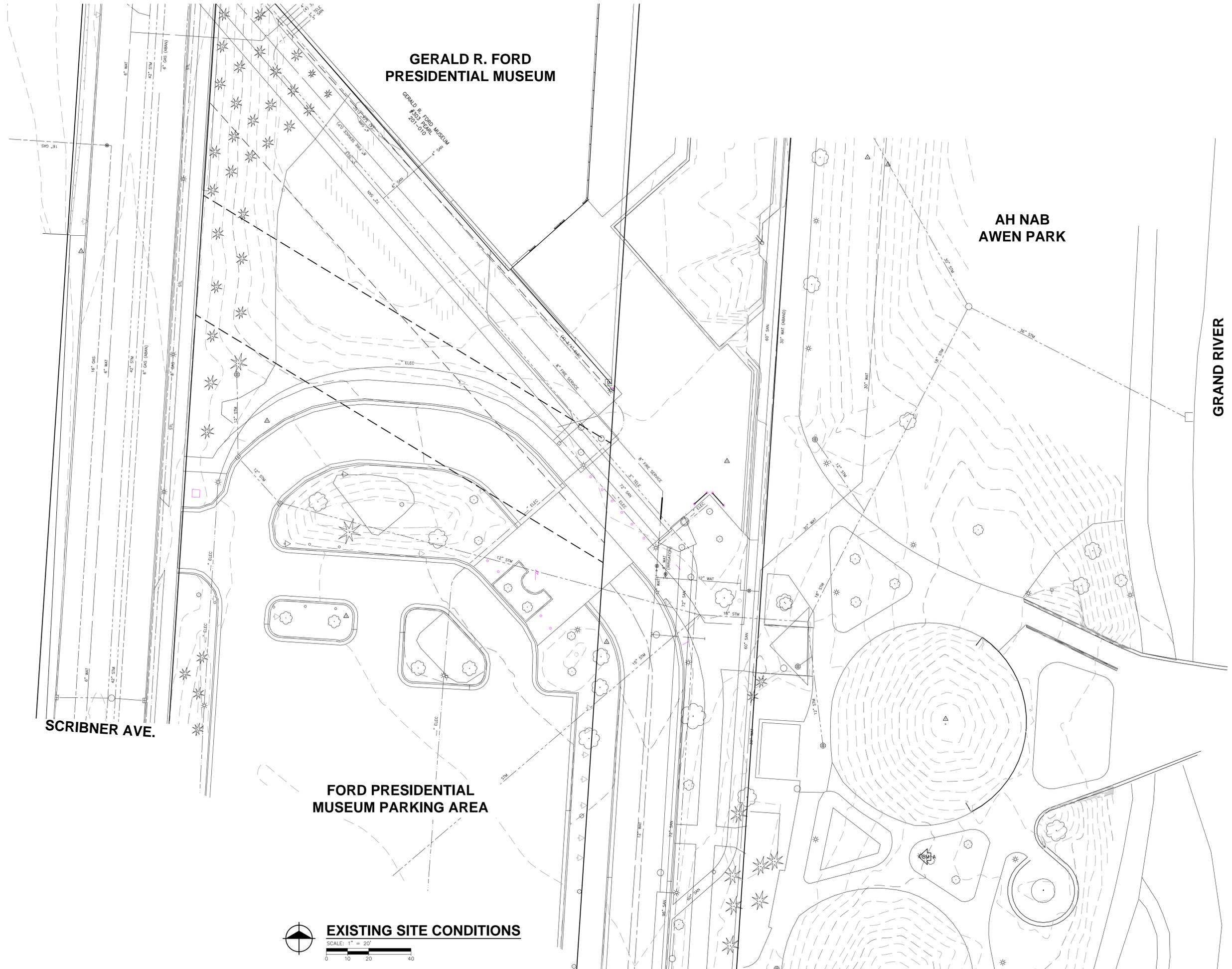
Amec Foster Wheeler  
15933 Clayton Road  
Suite 215  
Ballwin, MO 63011

William Elzinga, Project Manager  
Stephanie Miller, Environmental Scientist  
Karen Boulware, Environmental Scientist

# **Appendix A**

## **Plans**





### GERALD R. FORD PRESIDENTIAL MUSEUM

### AH NAB AWEN PARK

SCRIBNER AVE.

GRAND RIVER

### FORD PRESIDENTIAL MUSEUM PARKING AREA



**EXISTING SITE CONDITIONS**

SCALE: 1" = 20'  
0 10 20 40

## Gerald R. Ford Presidential Museum

Grand Rapids, Michigan

Learning Center Addition

3/30/2015	FINAL DESIGN DEVELOP.
	FOR FINAL E.A.
5/8/2015	85% REVIEW / LEVEL 1
	QA/QC

Drawn By	NPD
Designer	NPD
Reviewer	JRP
Manager	CK

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PROJECT NO.  
110187

SHEET NO.

# C101

PROPOSED LEED BOUNDARY

SCRIBNER AVE.

# GERALD R. FORD PRESIDENTIAL MUSEUM

FORD PRESIDENTIAL MUSEUM PARKING AREA

AH NAB AWEN PARK

GRAND RIVER

### LEGEND

-  ASPHALT PAVEMENT
-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK

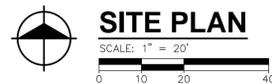
### BENCH MARK

- BM A ELEV. 609.70  
SW CORNER OF LIGHT POLE BASE BETWEEN 2ND AND 3RD INDIAN MOUND ABOUT 275' NORTH OF PEARL STREET
- BM B ELEV. 609.98  
EAST SIDE OF LIGHT POLE BASE ABOUT 700' NORTH OF PEARL STREET
- BM C ELEV. 605.30  
SE CORNER CONCRETE WALL ABOUT 30' SOUTH OF PEARL STREET

### KEY NOTES

- 1 BRICK SIDEWALK AROUND FLAGPOLE.
- 2 REMOVEABLE BOLLARD.
- 3 12" STORM SEWER.
- 4 STORM SEWER MANHOLE.
- 5 2' DIA. RAIN GARDEN INFILTRATION BASIN.
- 6 RELOCATED ASTRONAUT SCULPTURE.
- 7 PROPOSED LEARNING CENTER EXPANSION.
- 8 18" CONCRETE MAINTENANCE STRIP.
- 9 8" FIRE SERVICE.
- 10 SITE HYDRANT.
- 11 CURB AND GUTTER.
- 12 PARKING LOT SECURITY GATE.
- 13 ASPHALT DRIVEWAY.
- 14 6" CONCRETE DRIVEWAY.
- 15 6" EXPOSED AGGREGATE SIDEWALK.
- 16 4" SIDEWALK.
- 17 36" SANITARY SEWER. SEE CITY PROJECT.
- 18 RELOCATED U OF M STATUE.
- 19 FIXED REMOVEABLE BOLLARD (TYP. UNLESS OTHERWISE NOTED).
- 20 DOUBLE CHECK VALVE ASSEMBLY.
- 21 2" NATURAL GAS LINE. MINIMUM 24" COVER.
- 22 RELOCATE EXISTING SANITARY SEWER LATERAL. CONNECT TO EXISTING AND LAY AT 1% SLOPE. 4" INVERT AT BUILDING TO BE 604.25. SEE MECHANICAL FOR RECONNECTION AT BUILDING.
- 23 4" ROOF DRAIN OUTLET.
- 24 PROTECT EXISTING MOUND AND TREES.

**SITE PLAN**  
SCALE: 1" = 20'



3/30/2015	FINAL DESIGN DEVELOP.
5/8/2015	FOR FINAL E.A.
	85% REVIEW / LEVEL 1
	QA/QC

Drawn By	NPD
Designer	NPD
Reviewer	JRP
Manager	CK

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110187

SHEET NO.

# C201





**Asclepias incarnata**  
Swamp Milkweed  
*June-September*



**Asclepias tuberosa**  
Butterfly Milkweed  
*June-September*



**Aster laevis**  
Smooth Blue Aster  
*August-October*



**Astilbe x arendsii 'Glut'**  
Glut Astilbe  
*July-August*



**Astilbe 'Sister Teresa'**  
Sister Teresa Astilbe  
*June-July*



**Echinacea 'Fragrant Angel'**  
Fragrant Angel Coneflower  
*June-October*



**Echinacea 'Pixie Meadowbrite'**  
Pixie Meadowbrite  
Purple Coneflower  
*June-October*



**Eupatorium dubium 'Little Joe'**  
Little Joe Joe-Pye Weed  
*August-September*



**Heliopsis helianthoides**  
False Sunflower  
*July-August*



**Iris versicolor**  
Blue Flag  
*May-June*



**Liatris spicata 'Kobold'**  
Kobold Spike Gayfeather  
*July-August*



**Lobelia cardinalis**  
Cardinal Flower  
*July-October*



**Nepeta x faassenii**  
'Six Hills Giant'  
Six Hills Giant Nepeta  
*June-August*



**Perovskia atriplicifolia 'Longin'**  
Longin Russian Sage  
*July-October*



**Rudbeckia fulgida var. sullivantii 'Goldsturm'**  
Goldsturm Orange Coneflower  
*July-September*



**Salvia nemorosa 'May Night'**  
May Night Sage  
*June-July*

5/8/15	95% REVIEW LEVEL 1 QA/QC
4/22/15	75% REVIEW FOR FINAL EA
3/30/15	FINAL DESIGN DEVELOP. FOR FINAL EA
3/30/15	DESIGN DEVELOPMENT 60% REVIEW

Drawn By	TJB
Designer	TJB
Reviewer	XXX
Manager	CK

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G110187

SHEET NO.

**L102**



**Solidago speciosa**  
Showy Goldenrod  
*July-October*



**Calamagrostis x acutiflora**  
'Karl Foerster'  
Karl Foerster's Feather Reed Grass  
*June-September*



**Calamagrostis arundinacea**  
variety brachytricha  
Fall Blooming Feather Reed Grass  
*August-September*



**Panicum virgatum 'Heavy Metal'**  
Heavy Metal Switch Grass  
*August-September*



**Panicum virgatum 'Northwind'**  
Northwind Switch Grass  
*August-October*



**Panicum virgatum 'Shenandoah'**  
Shenandoah Switch Grass  
*August-September*



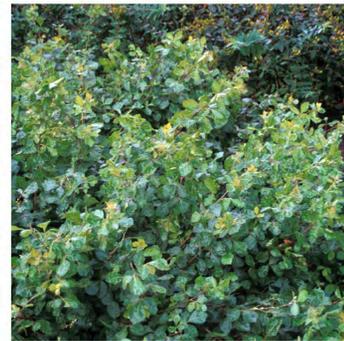
**Schizachyrium scoparium**  
'Blue Heaven'  
Blue Heaven Little Bluestem  
*August-October*



**Sorghastrum nutans 'Sioux Blue'**  
Sioux Blue Indian Grass  
*August-September*



**Juniperus chinensis 'Sea Green'**  
Sea Green Juniper



**Rhus aromatica 'Gro Low'**  
Gro Low Fragrant Sumac



**Viburnum plicatum**  
tomentosum 'Shasta'  
Shasta Viburnum  
*May-July*



**Amelanchier x grandiflora**  
'Autumn Brilliance'  
Autumn Brilliance Serviceberry  
*April*



**Betula nigra 'Heritage'**  
Heritage River Birch



**Metasequoia glyptostroboides**  
Dawn Redwood



**Acer rubrum 'Red Sunset'**  
Red Sunset Maple

5/8/15	95% REVIEW/ LEVEL 1 QA/QC
4/22/15	75% REVIEW
3/30/15	FINAL DESIGN DEVELOP. FOR FINAL E.A.
3/30/15	DESIGN DEVELOPMENT 60% REVIEW

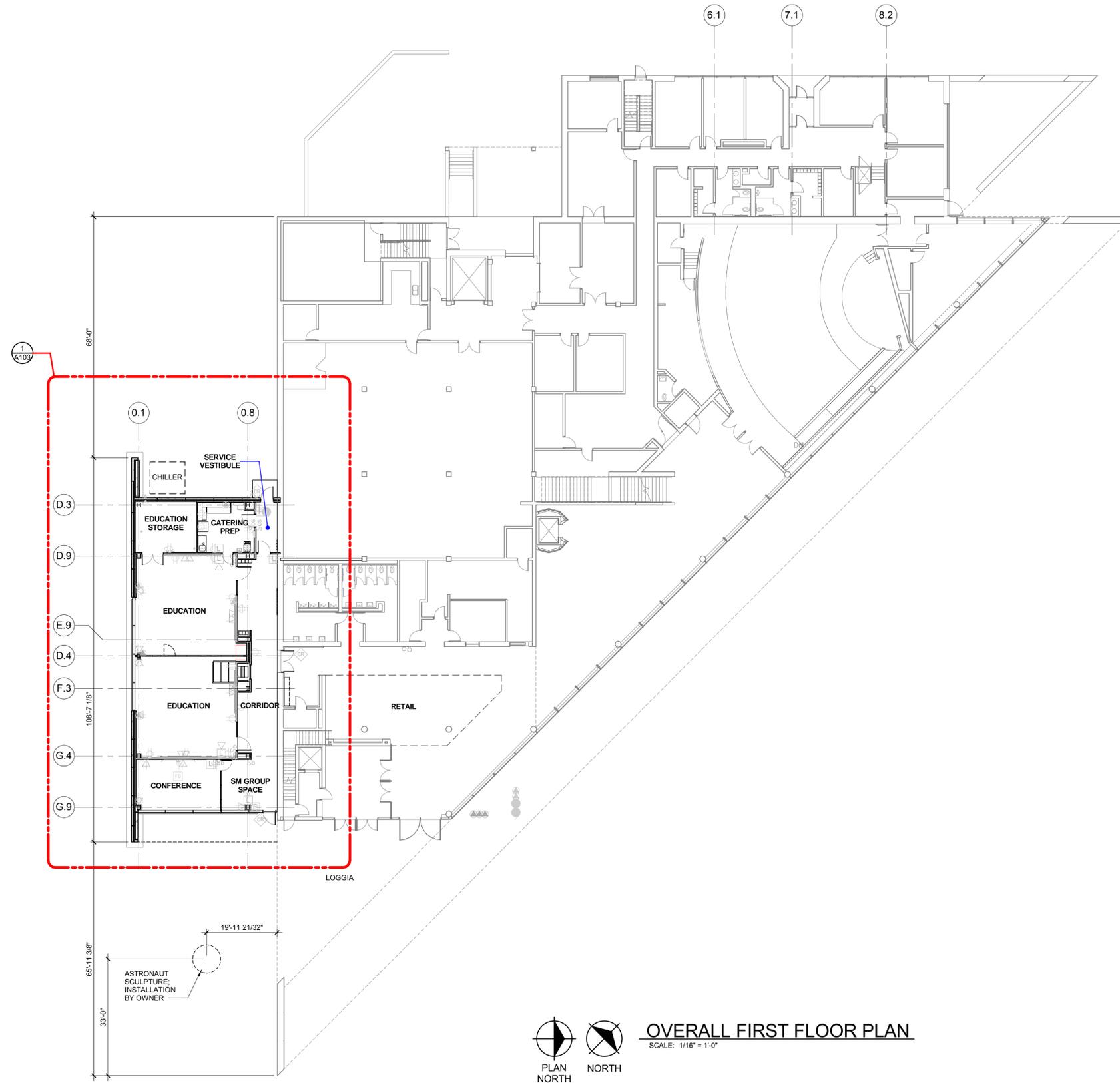
Drawn By	TJB
Designer	TJB
Reviewer	XXX
Manager	CK

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G110187

SHEET NO.

**L103**



**OVERALL FIRST FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

**Gerald R. Ford Presidential Museum**

Grand Rapids, Michigan

Learning Center Addition

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By AJN  
Designer DL2, AJN  
Reviewer WTB  
Manager CK

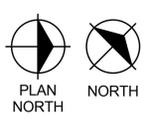
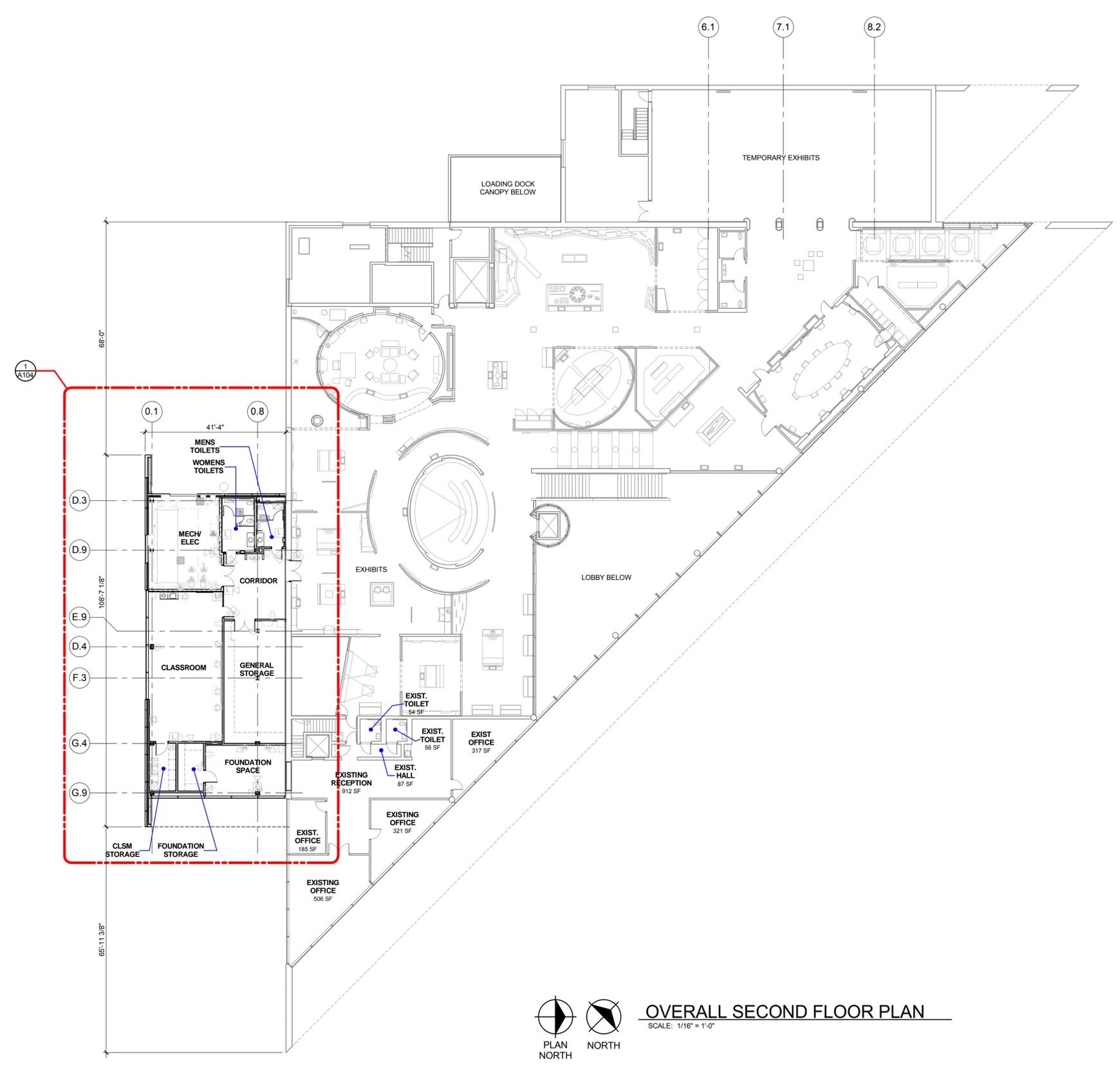
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G110187

SHEET NO.

**A101**

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**OVERALL SECOND FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

**Gerald R. Ford Presidential Museum**  
Grand Rapids, Michigan  
Learning Center Addition

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By: AJN  
Designer: DL2, AJN  
Reviewer: WTB  
Manager: CK

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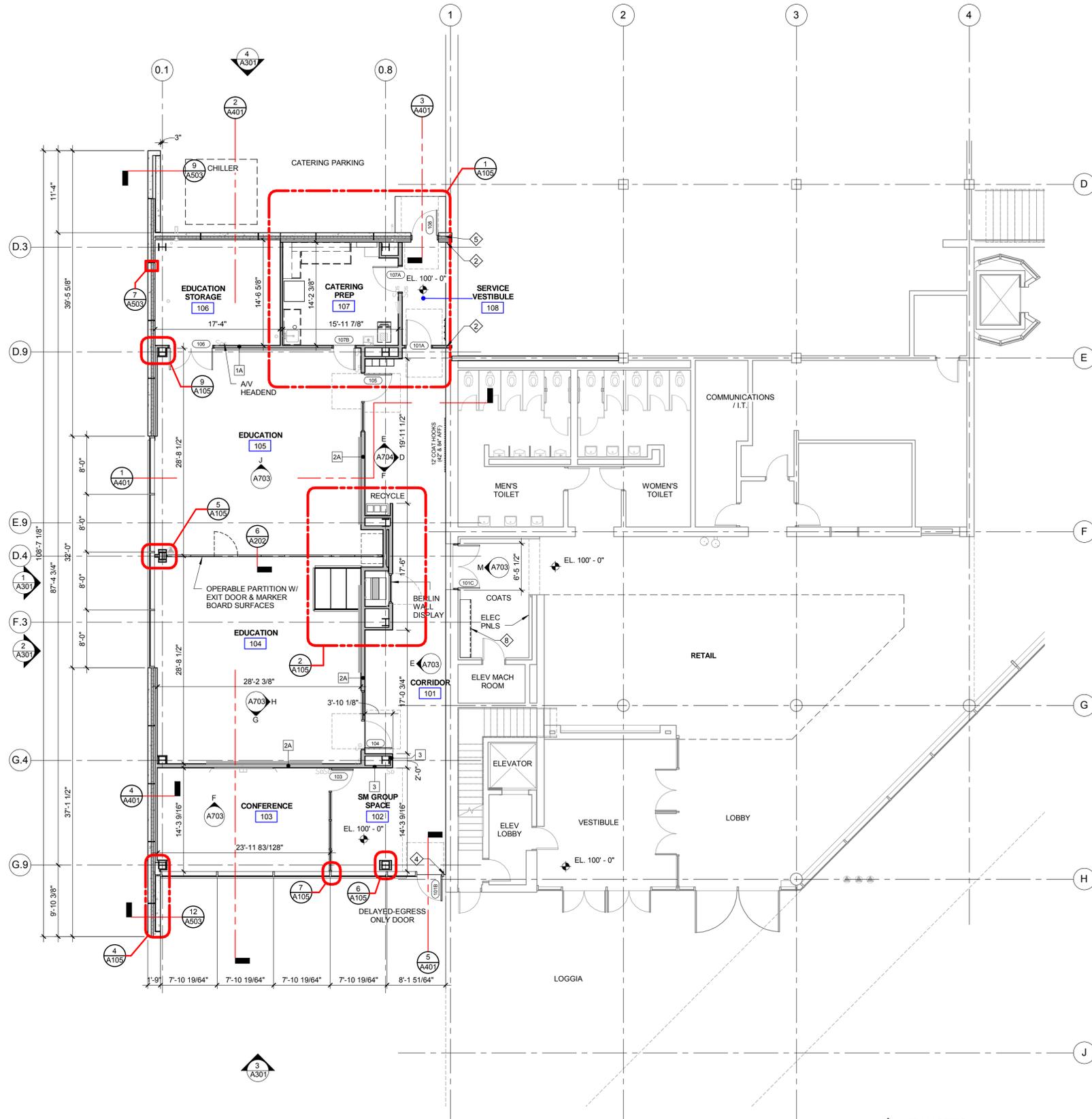
PROJECT NO.  
**G110187**  
SHEET NO.

**A102**  
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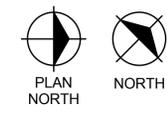
**Gerald R. Ford Presidential Museum**  
Grand Rapids, Michigan

Learning Center Addition



**KEY NOTES**

- 1 2" EXPANSION JOINT TYPE 1 BETWEEN NEW FLOOR AND EXISTING WALL.
- 2 2" EXPANSION JOINT TYPE 2, FULL WIDTH OF FINISHED STUD WALL.
- 3 3-1/2" EXPANSION JOINT TYPE 2, FULL WIDTH OF FINISHED STUD WALL.
- 4 3-1/2" EXPANSION JOINT TYPE 2, FULL WIDTH OF CURTAIN WALL FRAME.
- 5 3-1/2" EXPANSION JOINT TYPE 2, FULL WIDTH OF PCC PANEL.
- 6 2" EXPANSION JOINT TYPE 5, BETWEEN NEW FLOOR AND EXISTING WALL AT GENERAL STORAGE 202.
- 7 2" EXPANSION JOINT TYPE 5, BETWEEN NEW FLOOR AND EXISTING WALL BEHIND NEW STUD WALL.
- 8 REINSTALL/MODIFY LENGTH OF EXISTING SALVAGED COAT RACKS AT EXISTING MOUNTING HEIGHT



**ADDITION - FIRST FLOOR PLAN**

SCALE: 1/8" = 1'-0"

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

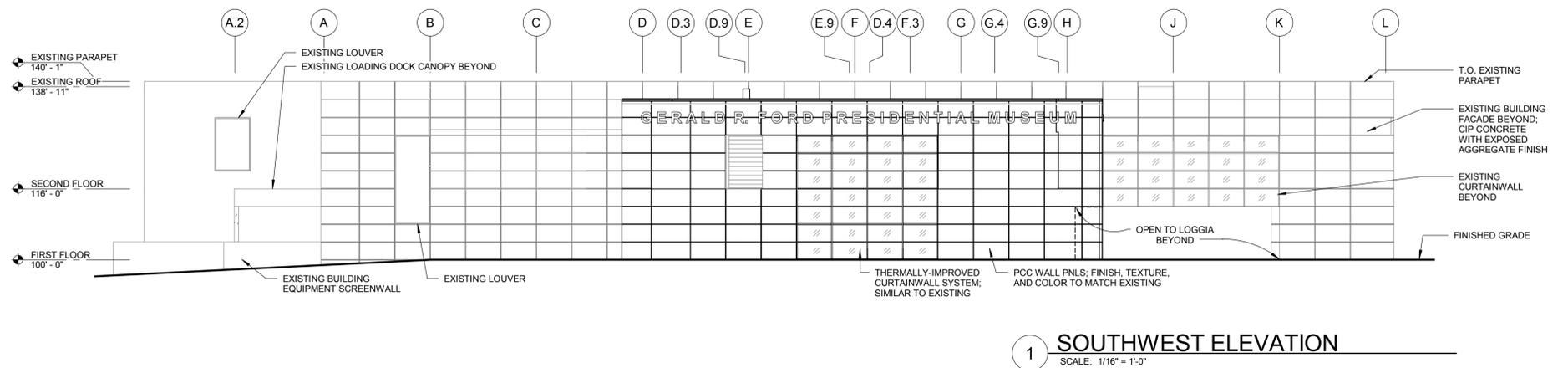
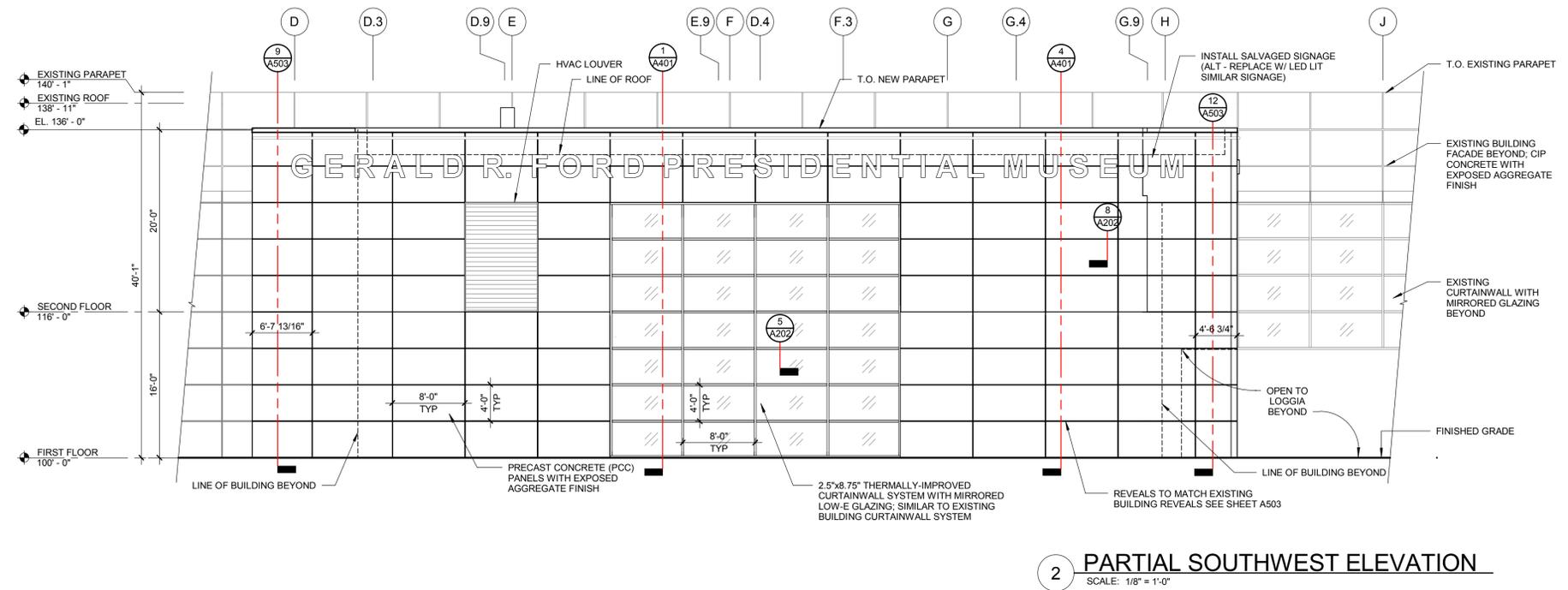
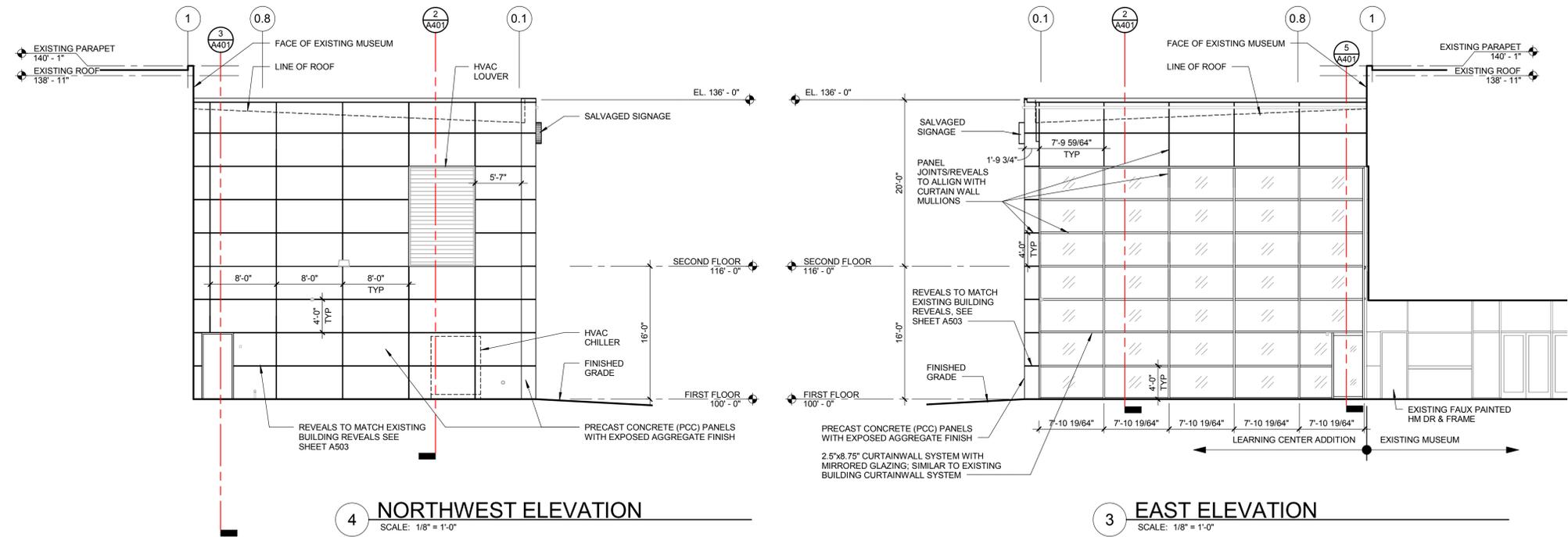
Drawn By AJN  
Designer DL2, AJN  
Reviewer WTB  
Manager CK

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**G110187**

SHEET NO.

**A103**



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3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By AJN  
Designer DL2, AJN  
Reviewer WTB  
Manager CK

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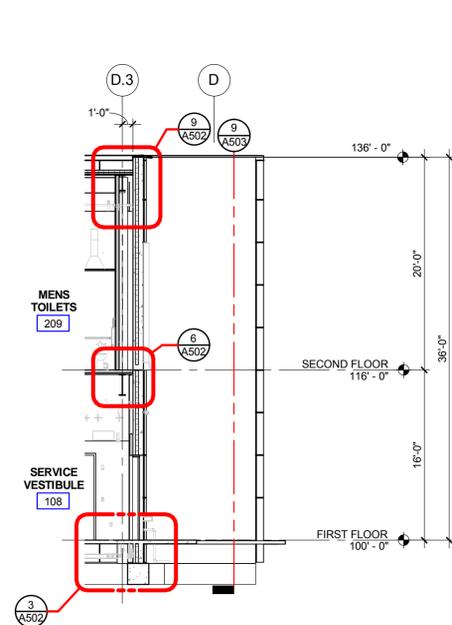
PROJECT NO.  
G110187

SHEET NO.

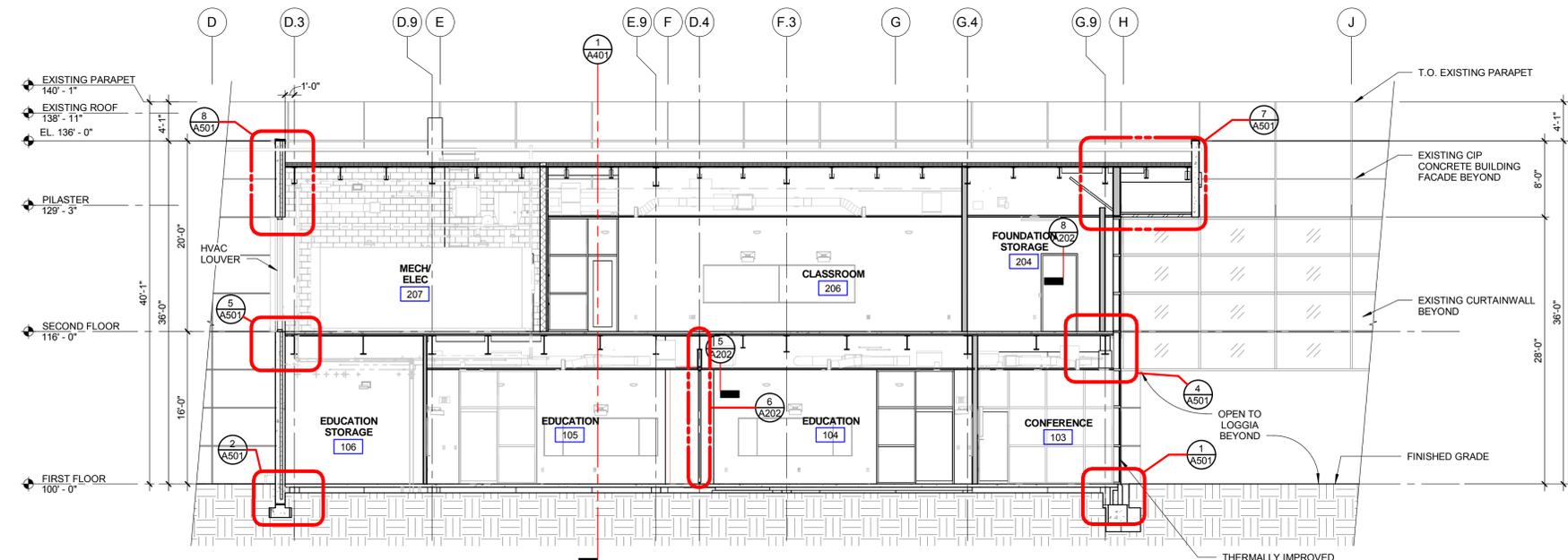
**A301**

**Gerald R. Ford Presidential Museum**

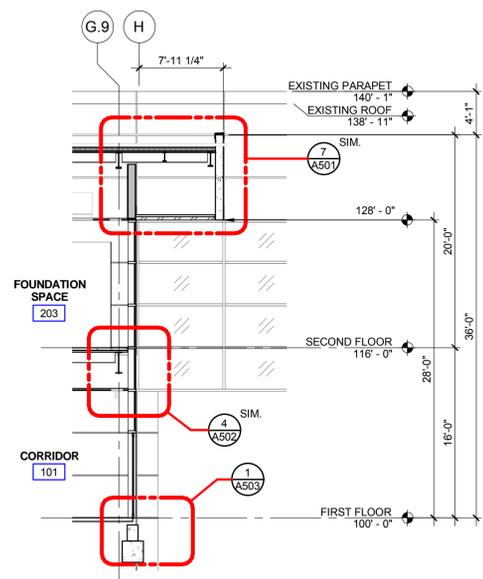
Grand Rapids, Michigan  
Learning Center Addition



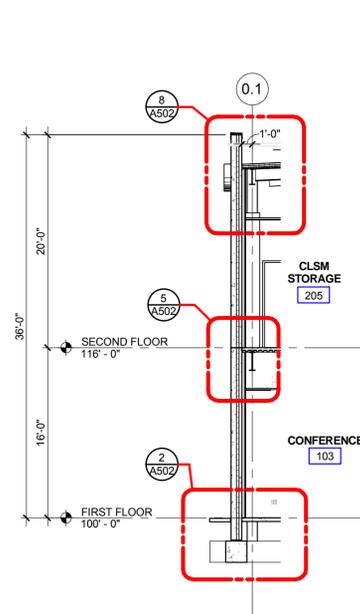
3 WALL SECTION  
SCALE: 1/8" = 1'-0"



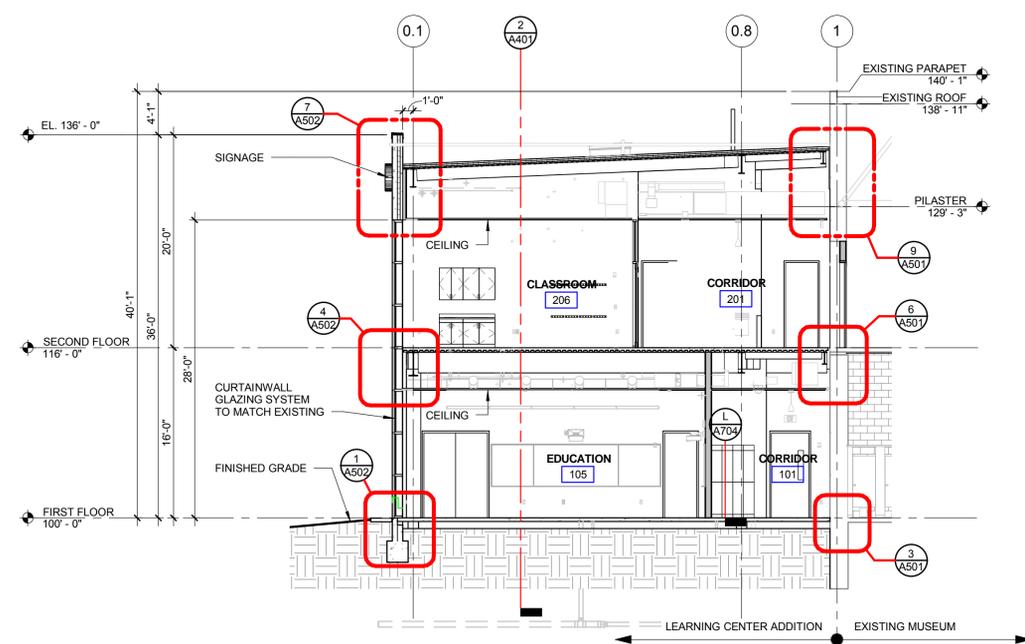
2 BUILDING SECTION  
SCALE: 1/8" = 1'-0"



5 WALL SECTION  
SCALE: 1/8" = 1'-0"



4 WALL SECTION  
SCALE: 1/8" = 1'-0"



1 BUILDING SECTION  
SCALE: 1/8" = 1'-0"

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By: AJN  
Designer: DL2, AJN  
Reviewer: WTB  
Manager: CK

Hard copy is intended to be 24"x36" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

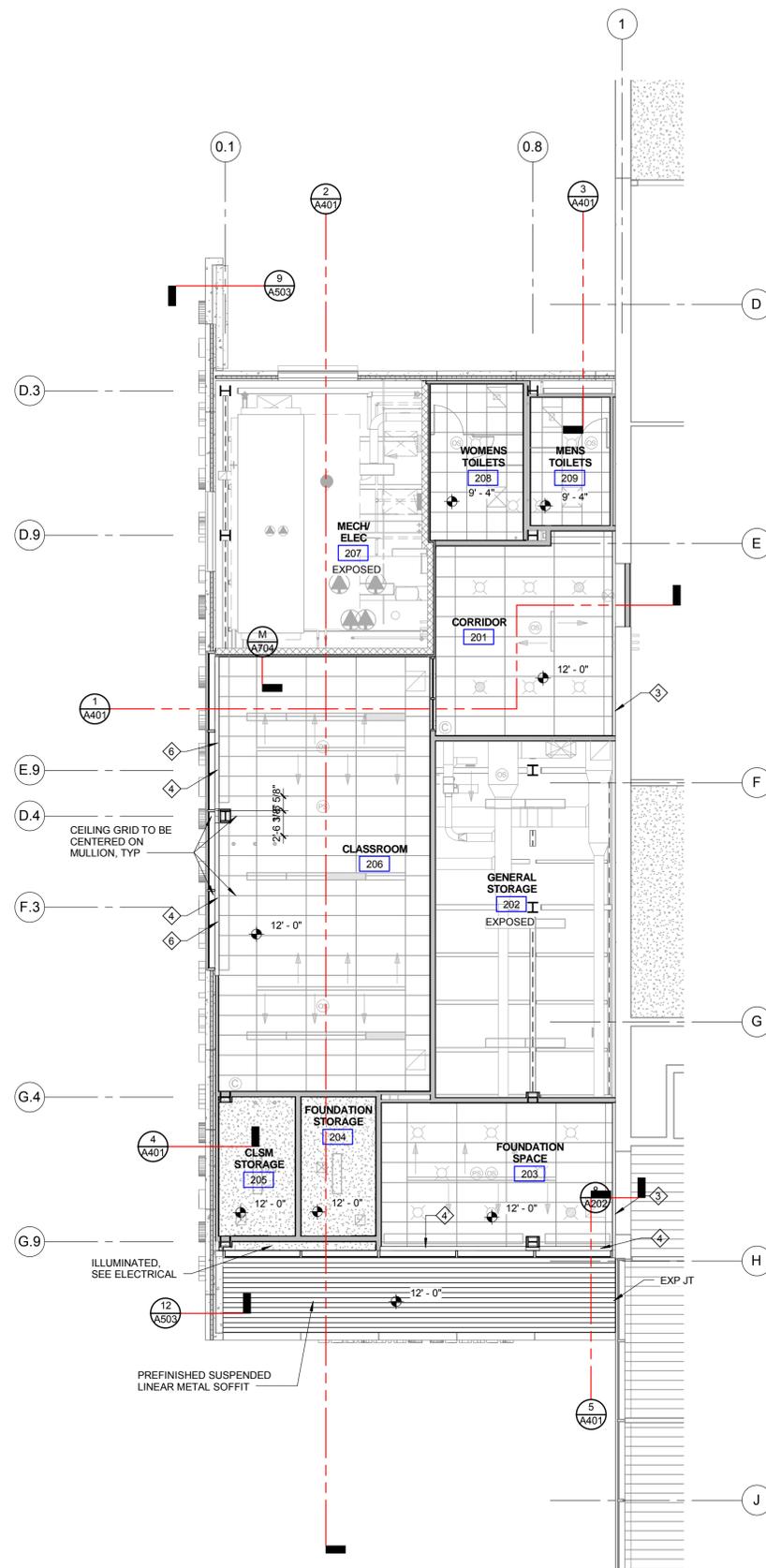
PROJECT NO.  
G110187

SHEET NO.

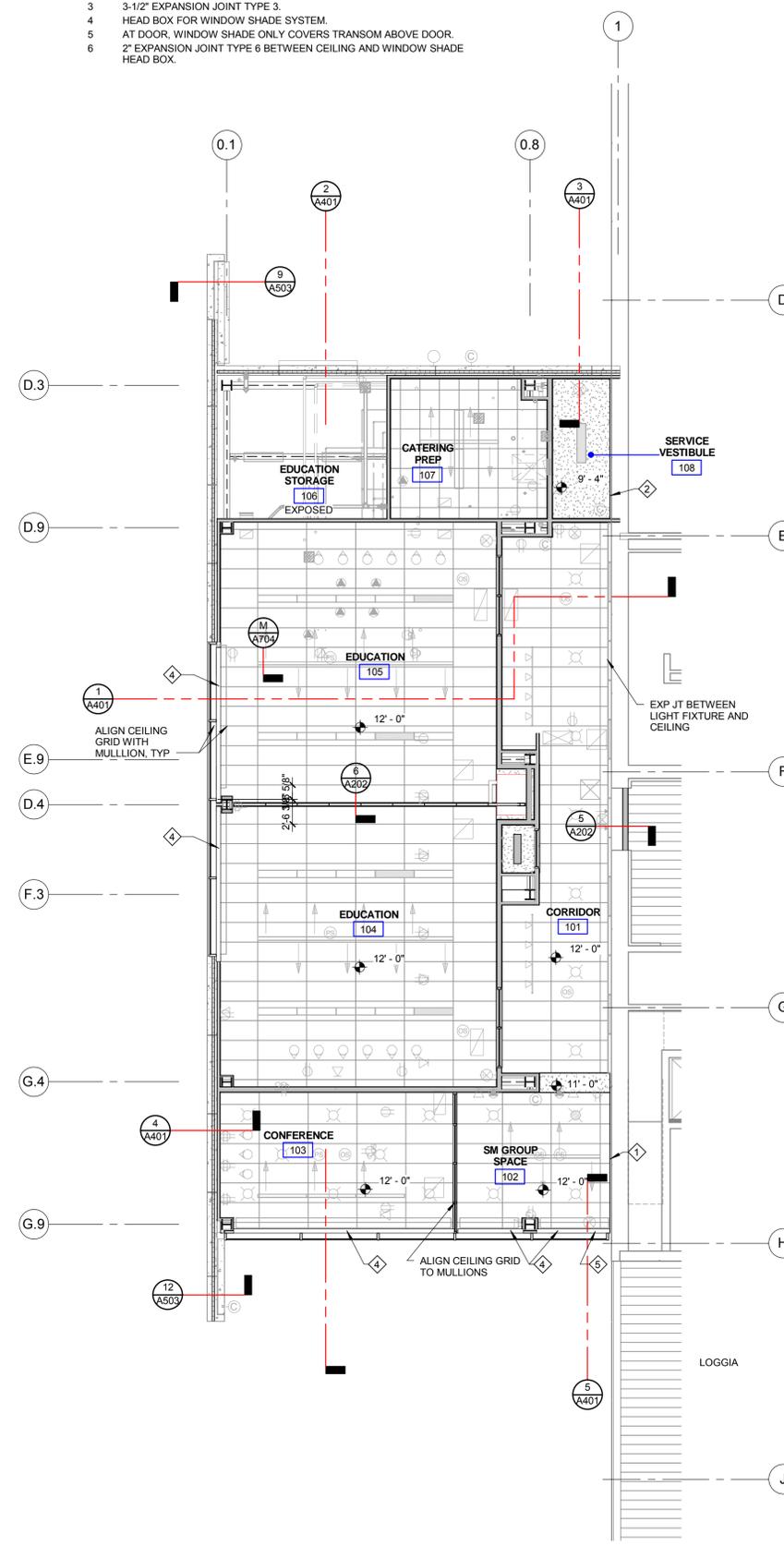
**A401**

KEY NOTES

- 1 2" EXPANSION JOINT TYPE 3.
- 2 2" EXPANSION JOINT TYPE 4.
- 3 3-1/2" EXPANSION JOINT TYPE 3.
- 4 HEAD BOX FOR WINDOW SHADE SYSTEM.
- 5 AT DOOR, WINDOW SHADE ONLY COVERS TRANSOM ABOVE DOOR.
- 6 2" EXPANSION JOINT TYPE 6 BETWEEN CEILING AND WINDOW SHADE HEAD BOX.



**SECOND FLOOR REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"



**FIRST FLOOR REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By AJN  
Designer AJN  
Reviewer WTB  
Manager CK

Hard copy is intended to be 24"x36" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

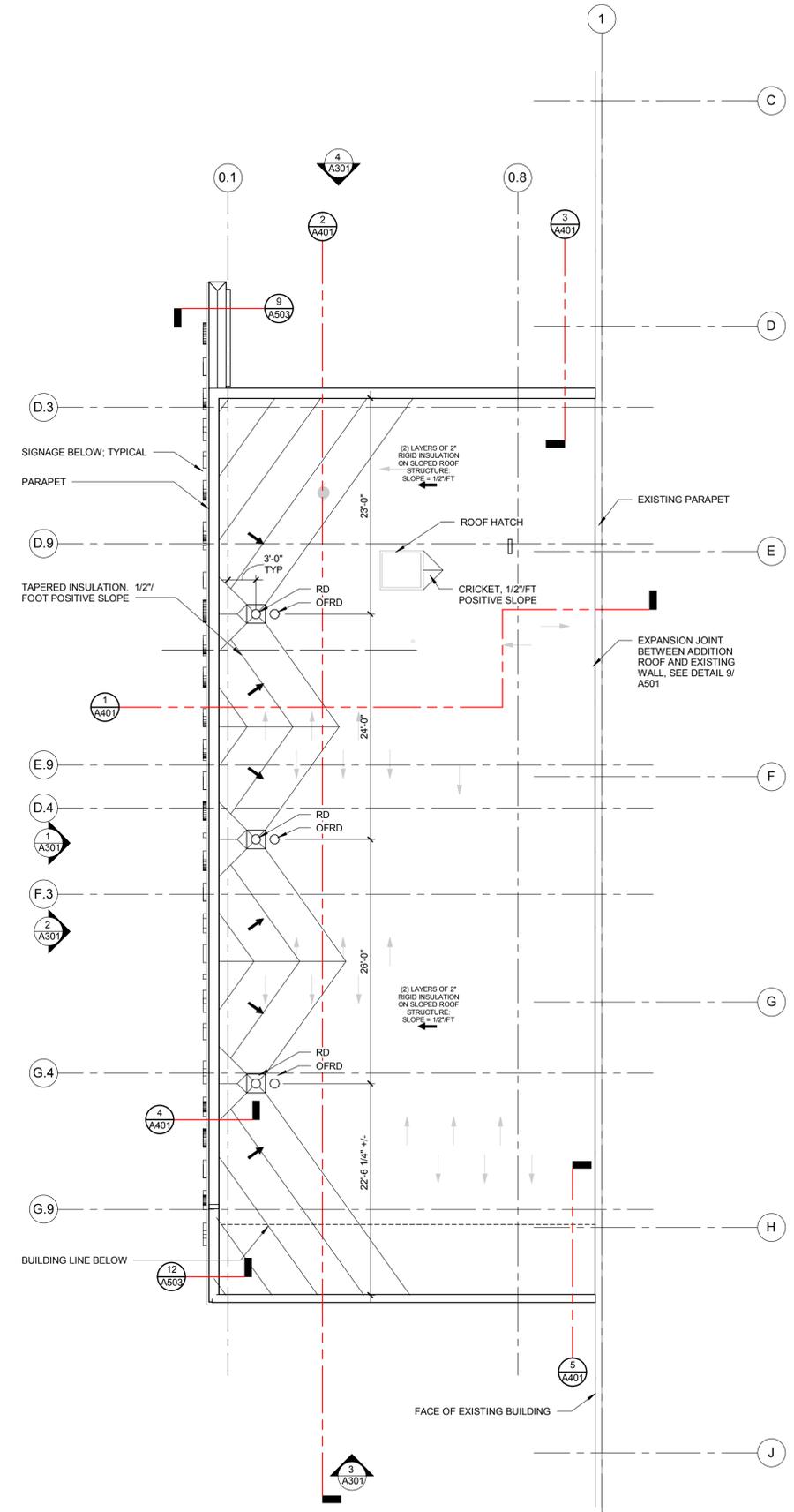
PROJECT NO.  
G110187

SHEET NO.

**A701**

**Gerald R. Ford Presidential Museum**  
Grand Rapids, Michigan

Learning Center Addition



**ROOF PLAN**  
SCALE: 1/8" = 1'-0"

4/22/2015	75% REVIEW
3/30/2015	FINAL DESIGN DEVELOP. FOR FINAL E.A.
5/8/2015	95% REVIEW / LEVEL 1 QA/QC

Drawn By AJN  
Designer DL2, AJN  
Reviewer WTB  
Manager CK

Hard copy is intended to be 24"x36" when plotted. Scale(s) indicated and graphic quality may not be accurate for any other size.

PROJECT NO.  
**G110187**

SHEET NO.

**A801**

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# **Appendix B**

## **Coordination Letters and Responses**



NATIONAL  
ARCHIVES

February 5, 2015

Mr. Brian D. Conway  
Michigan State Historic Preservation Officer (SHPO)  
702 West Kalamazoo Street  
Lansing, MI 48909  
(517) 373-1630  
Conwayb1@michigan.gov

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Conway:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

NATIONAL ARCHIVES *and*  
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COLLEGE PARK, MD 20740-6001

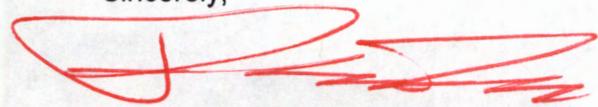
[www.archives.gov](http://www.archives.gov)

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared, which will encompass the Section 106 review. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your agency. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be "Ronald C. Noll", is written over a light blue rectangular background.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

**STATE HISTORIC PRESERVATION OFFICE  
Application for Section 106 Review**

SHPO Use Only			
<input type="checkbox"/> IN	Received Date _____	Log In Date _____	_____
<input type="checkbox"/> OUT	Response Date _____	Log Out Date _____	_____
	Sent Date _____		

Submit one copy for each project for which review is requested. This application is required. Please type. Applications must be complete for review to begin. Incomplete applications will be sent back to the applicant without comment. Send only the information and attachments requested on this application. Materials submitted for review cannot be returned. Due to limited resources we are unable to accept this application electronically.

**I. GENERAL INFORMATION**

THIS IS A NEW SUBMITTAL       THIS IS MORE INFORMATION RELATING TO ER#

- a. Project Name: Gerald R. Ford Presidential Museum Addition
- b. Project Address (if available): 303 Pearl Street NW Grand Rapids Michigan
- c. Municipal Unit:                      County: Kent
- d. Federal Agency, Contact Name and Mailing Address (If you do not know the federal agency involved in your project please contact the party requiring you to apply for Section 106 review, not the SHPO, for this information.): National Archives and Records Administration (NARA). Ronald C. Noll- Facility and Property Management Division, Space Planning and Projects Branch Chief (BFS), Supervisory Architect. Address: 8601 Adelpia Road Room 2300, College Park, MD 20740-6001.
- e. State Agency (if applicable), Contact Name and Mailing Address:
- f. Consultant or Applicant Contact Information (if applicable) including mailing address: Bill Elzinga, Amec Foster Wheeler 15933 Clayton Road, Suite 215, Ballwin MO 63011. Phone Number: (636) 200-5119

**II. GROUND DISTURBING ACTIVITY (INCLUDING EXCAVATION, GRADING, TREE REMOVALS, UTILITY INSTALLATION, ETC.)**

DOES THIS PROJECT INVOLVE GROUND-DISTURBING ACTIVITY?  YES     NO (If no, proceed to section III.)

Exact project location must be submitted on a USGS Quad map (portions, photocopies of portions, and electronic USGS maps are acceptable as long as the location is clearly marked).

- a. USGS Quad Map Name: Grand Rapids
- b. Township: 7N Range: 12W Section: 25
- c. Description of width, length and depth of proposed ground disturbing activity: The project will be an expansion to the Gerald R. Ford Presidential Museum. The expansion will occur on the southwest façade of the existing building and extend approximately 40 feet from the southwest façade and will be approximately 110 feet in length. While both stories will be 8000 square feet, the first story will be approximately 4000 square feet. It is anticipated that the APE will be excavated to 8 feet below ground surface to provide suitable foundation bearing conditions. Other improvements to the APE include the relocation of an existing public sanitary sewer, the relocation of the existing drop-off driveway, new sidewalks, new maintenance access, and new parking areas.
- d. Previous land use and disturbances: The project area has been previously disturbed from historic building episodes, canal construction, and urbanization.
- e. Current land use and conditions: Open area, lawn like condition, parking and sidewalk
- f. Does the landowner know of any archaeological resources found on the property?     YES     NO  
Please describe:

---

### III. PROJECT WORK DESCRIPTION AND AREA OF POTENTIAL EFFECTS (APE)

**Note: Every project has an APE.**

- a. Provide a detailed written description of the project (plans, specifications, Environmental Impact Statements (EIS), Environmental Assessments (EA), etc. **cannot** be substituted for the written description): The project will be an expansion to the Gerald R. Ford Presidential Museum. The expansion will occur on the southwest façade of the existing building and extend approximately 40 feet from the southwest façade and will be approximately 110 feet in length. While both stories will be 8000 square feet, the first story will be approximately 4000 square feet. It is anticipated that the APE will be excavated to 8 feet to provide suitable foundation bearing conditions. Other improvements to the APE include the relocation of an existing public sanitary sewer, the relocation of the existing drop-off driveway, new sidewalks, new maintenance access, and new parking.
- b. Provide a localized map indicating the location of the project; road names must be included and legible.
- c. On the above-mentioned map, identify the APE.
- d. Provide a written description of the APE (physical, visual, auditory, and sociocultural), the steps taken to identify the APE, and the justification for the boundaries chosen. The APE is the proposed limits of construction and improvements and is outlined in red in the attached figure. Due to the urbanization of the immediate vicinity, AMEC Foster Wheeler feels that there are no viewshed or visual affects to historic properties located within a 0.5 mile radius of the project. Therefore, the APE is an archaeological APE, and was limited to the study area.

#### IV. IDENTIFICATION OF HISTORIC PROPERTIES

- a. List and date **all** properties 50 years of age or older located in the APE. If the property is located within a National Register eligible, listed or local district it is only necessary to identify the district:
- b. Describe the steps taken to identify whether or not any **historic** properties exist in the APE and include the level of effort made to carry out such steps: There are no NRHP properties located within the APE. Highway 131 is located west of the APE while modern buildings and urban build up shield the APE to the north, south, and east. The Amway Grand Hotel (NRHP listed property) is the nearest historic property and is located across the Grand River at 187 Monroe Ave. NW. AMEC Foster Wheeler conducted a site visit to the APE in Jan. 2015. Based on the site visit, there will be no viewshed impacts to the Amway Grand Hotel because of the urban nature of the area and the presence of modern buildings adjacent to the Amway Grand Hotel.
- c. Based on the information contained in "b", please choose one:
- Historic Properties Present in the APE
- No Historic Properties Present in the APE
- d. Describe the condition, previous disturbance to, and history of any historic properties located in the APE: The APE has undergone ground disturbance from historic building episodes, construction of canals, and from modern urbanization. In February 2002, Commonwealth Cultural Resources Group (CCRG), Inc. conducted deep site testing on the north side of the Gerald R. Ford Presidential Museum in support of a prior expansion of the museum. CCRG excavated two backhoe trenches and reported a 450-500 cm thick modern/historic fill present on the property. CCRG also identified the bottom of the 19<sup>th</sup> century canal. They state in their report that past canal construction most likely destroyed any prior occupations within the footprint of the existing building. Their findings were reported in: Investigations Assessing the Potential For Buried Prehistoric Archaeological Resources At The Proposed Addition To The Gerald R. Ford Presidential Museum Grand Rapids , Kent County, Michigan. Based on the vicinity of the project area to the 2002 CCRG archaeological study, the current APE is most likely heavily disturbed with a low potential for intact archaeological deposits.
- 

#### V. PHOTOGRAPHS

**Note: All photographs must be keyed to a localized map.**

- a. Provide photographs of the site itself.
- b. Provide photographs of all properties 50 years of age or older located in the APE (faxed or photocopied photographs are not acceptable).
- 

#### VI. DETERMINATION OF EFFECT

- No historic properties affected based on [36 CFR § 800.4(d)(1)], please provide the basis for this determination.
- No Adverse Effect [36 CFR § 800.5(b)] on historic properties, explain why the criteria of adverse effect, 36 CFR Part 800.5(a)(1), were found not applicable.
- Adverse Effect [36 CFR § 800.5(d)(2)] on historic properties, explain why the criteria of adverse effect, [36 CFR Part 800.5(a)(1)], were found applicable.

**Please print and mail completed form and required information to:**  
**State Historic Preservation Office, Environmental Review Office, Michigan Historical Center, 702**  
**W. Kalamazoo Street, P.O. Box 30740, Lansing, MI 48909-8240**



Figure 1. From Project Area, facing southeast, Ah-Nab-Awen Park



Figure 2. From Project Area facing east toward the Amway Grand Plaza Hotel



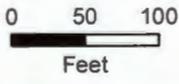
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**Legend**

-  Study Area
-  Existing Sanitary Sewer
-  Proposed Sanitary Sewer
-  Proposed Asphalt
-  Proposed Sidewalk
-  Proposed Building Expansion
-  Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002    Drawn By: BSM  
Date: 1/29/2015    Reviewed By: WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Bay Mills Indian Community  
Ms. Paula Carrick, THPO  
12140 West Lakeshore Drive  
Brimley, MI 49715  
(906) 248-8458  
paulacarrick@baymills.org

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Carrick:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

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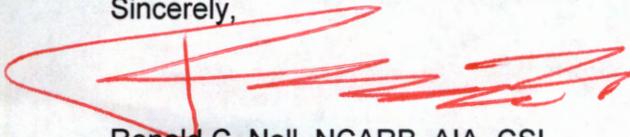
[www.archives.gov](http://www.archives.gov)

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared, which will encompass the Section 106 review. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your tribe. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be "Ronald C. Noll", is written over a faint, illegible printed name. The signature is stylized and somewhat scribbled.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
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- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Grand Traverse Band of Ottawa & Chippewa Indians  
Ms. Cindy Patek, Museum Director  
Eyaawing Museum & Cultural Center  
2605 North West Bay Shore Drive  
Suttons Bay, MI 49682  
(231) 534-7764

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Patek:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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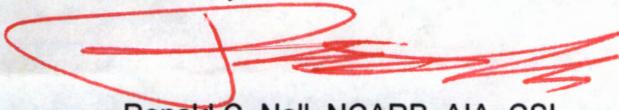
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We appreciate your assistance and consultation regarding this proposed project.

Sincerely,



Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



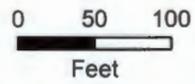
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**Legend**

-  Study Area
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Hannahville Indian Community  
Mr. Earl Meshigaud  
N-14911 Hannahville B1 Road  
Wilson, MI 49896  
(906) 466-2932  
earlmeshigaud@hannahville.org

**Subject:** Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Meshigaud:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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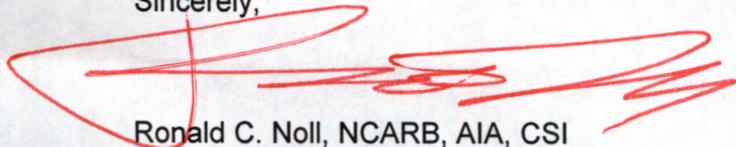
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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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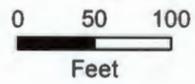


**Legend**

-  Study Area
-  Existing Sanitary Sewer
-  Proposed Sanitary Sewer
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-  Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

**Keweenaw Bay Indian Community of the Lake Superior Band  
Mr. Gary Loonsfoot Jr., THPO  
16429 Bear Town Road  
Baraga, MI 49908  
(906) 353-6623 x4178  
gloonsfoot@kbic-nsn.gov**

**Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for  
the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504**

**Dear Mr. Loonsfoot:**

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

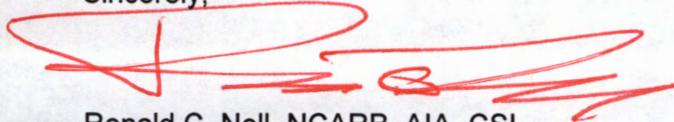
[www.archives.gov](http://www.archives.gov)

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared, which will encompass the Section 106 review. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your tribe. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be 'Ronald C. Noll', is written over a light gray rectangular background.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



K:\11 GIS\3559150002\_Gerald\_Ford\_Museum\_MXD\Fig\_1-1\_Project\_Location\_150129.mxd

**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100



Feet



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Lac Vieux Desert Band of Lake Superior Chippewa Indians  
Ms. giwewiizhigookway Martin, THPO  
Watersmeet, MI 49969  
(906) 358-0137  
gmartin@lvdtribal.com

**Subject:** Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Martin:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

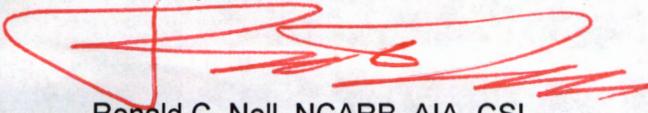
[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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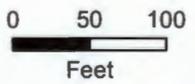


**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
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February 5, 2015

Little River Band of Ottawa Indians  
Ms. Jonnie J. Sam, Director  
Manistee, MI 49660  
(231) 723-8288 x 6893  
jsam@lrobi.com

**Subject:** Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Sam:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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COLLEGE PARK, MD 20740-6001

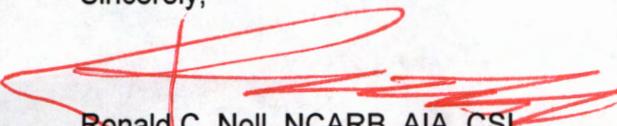
[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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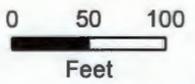


**Legend**

-  Study Area
-  Existing Sanitary Sewer
-  Proposed Sanitary Sewer
-  Proposed Asphalt
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-  Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Little Traverse Bay Bands of Odawa Indians  
Mr. Fred Kiogima, Tribal Chairman  
7500 Odawa Circle  
Harbor Springs, MI 49740  
chairman@ltbbodawa-nsn.gov

**Subject:** Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Kiogima:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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RECORDS ADMINISTRATION

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COLLEGE PARK, MD 20740-6001

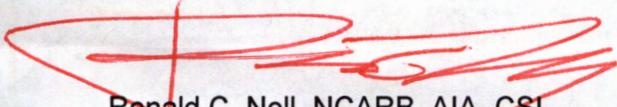
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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

K311 GIS\3559150002 Gerald Ford Museum.mxd Fig. 1-1 Project Location\_150129.mxd

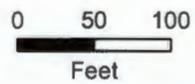


**Legend**

- Study Area
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

**Match-e-be-nash-she-wish Band of Pottawatomi Indians**

**Ms. Sydney Martin  
3556 26<sup>th</sup> Street  
Hopkins, MI 49328  
(616) 896-7576**

**Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504**

**Dear Ms. Martin:**

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

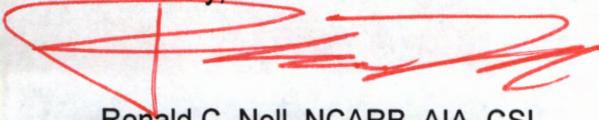
*www.archives.gov*

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Sincerely,

A handwritten signature in red ink, consisting of several overlapping loops and strokes, positioned above the typed name.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

K:\1 GIS\3559150002 Gerald\_Ford\_Museuma\_MXD\Fig\_1-1\_Protect\_Location\_150129.mxd



**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100  
Feet



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Nottawaseppi Huron Band of the Potawatomi Indians  
Mr. Jeff Chivis, THPO  
1485 Mno-Bmadzwen Way  
Fulton, MI 49052  
(269) 729-5151  
jchivis@nhbpi.com

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Chivis:

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

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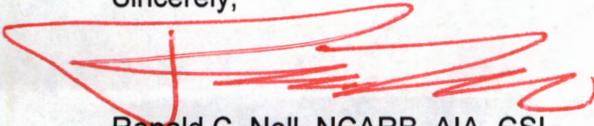
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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



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**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
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- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100



Feet



Job No. 3559150002	Drawn By: BSM
Date: 1/29/2015	Reviewed By: WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Pokagon Band of Potawatomi Indians  
Mr. Marcus Winchester, THPO  
58620 Sink Road  
Dowagiac MI 49047  
(269) 783-9269

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Winchester:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

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COLLEGE PARK, MD 20740-6001

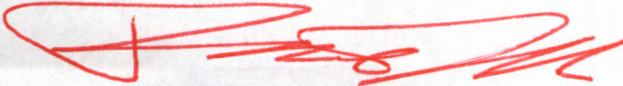
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Ronald C. Noll, NCARB, AIA, CSI  
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Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



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**Legend**

- Study Area
- Existing Sanitary Sewer
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100



Feet



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Saginaw Chippewa Indian Tribe  
Ms. Charmaine Shawana, THPO  
Ziibiwing Center of Anishinabe Culture and Lifeways  
6650 East Broadway  
Mt. Pleasant, MI 48858  
(989) 775-4751  
cshawana@sachip.org

**Subject:** Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Shawana:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

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COLLEGE PARK, MD 20740-6001

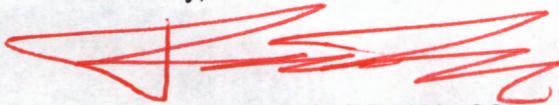
[www.archives.gov](http://www.archives.gov)

parking access. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared, which will encompass the Section 106 review. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your tribe. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be 'Ronald C. Noll', written over a horizontal line.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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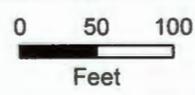


**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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February 5, 2015

Sault Ste. Marie Tribe of Chippewa Indians  
Mr. Cecil Pavlat, Cultural Repatriation Specialist  
523 Ashmun Street  
Sault Ste. Marie, MI 49783  
(906) 440-7849  
cpavlat@saulttribe.net

Subject: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Pavlat:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project, in compliance with Section 106 of the National Historic Preservation Act.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

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COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



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**Legend**

- Study Area
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- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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NATIONAL  
ARCHIVES

February 5, 2015

City of Grand Rapids  
Attn: Mr. Greg Sundstrom, City Manager  
300 Monroe Avenue – 6th Floor  
Grand Rapids, MI 49503

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Sundstrom:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

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RECORDS ADMINISTRATION

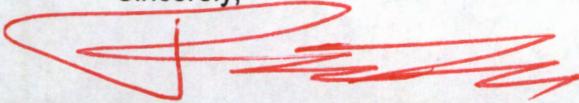
8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your office. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



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**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100

Feet



Job No. 3559150002	Drawn By: BSM
Date: 1/29/2015	Reviewed By: WJE

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NATIONAL  
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February 5, 2015

Ms. Diane Rosen, Regional Director  
Midwest Region Office  
Bureau of Indian Affairs  
Department of the Interior  
Norman Pointe II Building  
5600 W. American Blvd., Suite 500  
Bloomington, MN 55437

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Rosen:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your agency. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be "Ronald C. Noll", is written over a faint, illegible typed name.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100

Feet



Job No. 3559150002	Drawn By: BSM
Date: 1/29/2015	Reviewed By: WJE

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February 5, 2015

Ms. Karen J. Baker  
Acting Chief of the Environmental Division  
US Army Corps of Engineers  
Detroit District  
477 Michigan Ave  
Detroit, MI 48226

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Baker:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface

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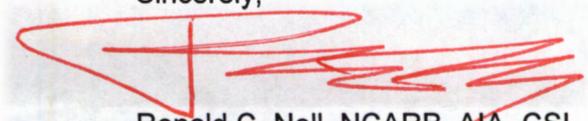
<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your agency. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

*Sincerely,*



Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

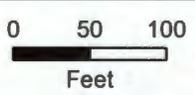


**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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February 5, 2015

The Honorable Brandon Dillon  
Michigan House District 075  
PO Box 30014  
Lansing, MI 48909-7514

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Representative Dillon:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

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RECORDS ADMINISTRATION

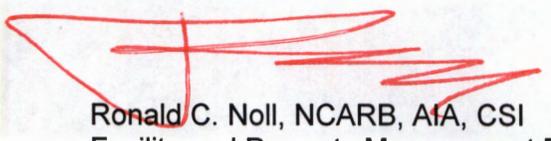
8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

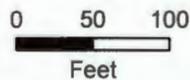


**Legend**

-  Study Area
-  Existing Sanitary Sewer
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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February 5, 2015

The Honorable Dave Hildenbrand  
Michigan Senate District 29  
PO Box 30036  
Lansing, MI 48909-7536

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Senator Hildenbrand:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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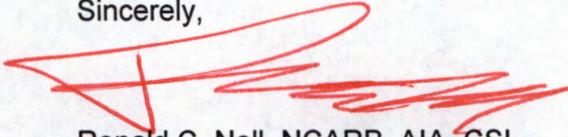
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[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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**Legend**

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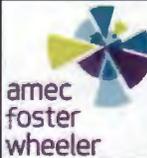
**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100



Feet



Job No.	3559150002	Drawn By:	BSM
Date:	1/29/2015	Reviewed By:	WJE

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February 5, 2015

Mr. Joseph Calvaruso  
Foundation Executive Director  
Gerald R. Ford Presidential Foundation  
303 Pearl St., NW  
Grand Rapids, MI 49504

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Calvaruso:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

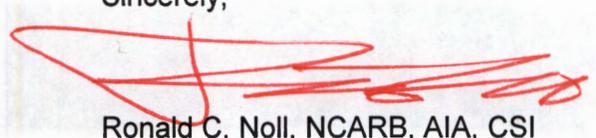
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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

In accordance with the National Environmental Policy Act (NEPA), an Environmental Assessment (EA) is being prepared. NARA is soliciting your comments at this early stage, and invites you to review the project and provide input relative to the interest of your agency. The Draft EA is scheduled to be issued March 9, 2015. If you have any questions, please do not hesitate to contact me at (301) 837-3648 or [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

A handwritten signature in red ink, appearing to be "Ronald C. Noll", is written over a light blue rectangular background.

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



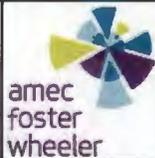
K:\1 GIS\3559150002\_Gerald\_Ford\_Museum\150129.mxd

**Legend**

-  Study Area
-  Existing Sanitary Sewer
-  Proposed Sanitary Sewer
-  Proposed Asphalt
-  Proposed Sidewalk
-  Proposed Building Expansion
-  Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002	Drawn By: BSM
Date: 1/29/2015	Reviewed By: WJE

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February 5, 2015

Mr. Scott Hicks  
Field Office Supervisor  
US Fish and Wildlife Service  
East Lansing Field Office  
2651 Coolidge Road  
East Lansing, MI 48823

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Hicks:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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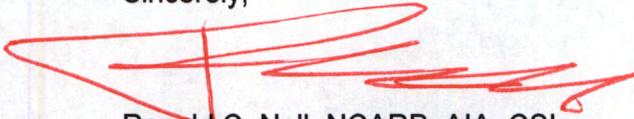
<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



K:\11 GIS\3559150002 Gerald Ford Museum\150002 Gerald Ford Museum\150002 Gerald Ford Museum\150129.mxd

**Legend**

-  Study Area
-  Existing Sanitary Sewer
-  Proposed Sanitary Sewer
-  Proposed Asphalt
-  Proposed Sidewalk
-  Proposed Building Expansion
-  Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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February 5, 2015

Mr. Brian J. Klatt, Director  
Michigan Natural Features Inventory  
PO Box 13036  
Lansing, MI 48901-3036

**Subject:** Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Klatt:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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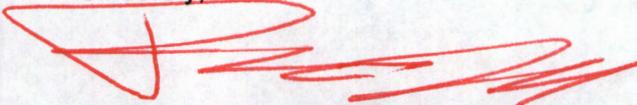
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<sup>1</sup> <http://www.archives.gov/foia/libraries.html>

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We appreciate your assistance and consultation regarding this proposed project.

Sincerely,

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

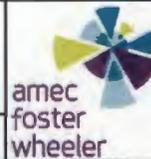
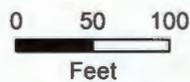


**Legend**

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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Mr. Ron Olson, Chief  
Department of Natural Resources  
Parks and Recreation Division  
PO Box 30257  
Lansing MI 48909-7757

**Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504**

Dear Mr. Olson:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

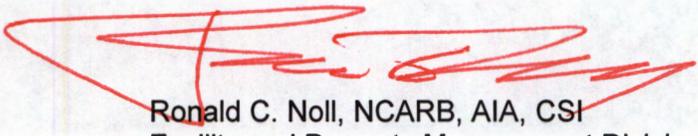
8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

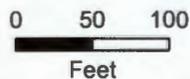


**Legend**

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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002    Drawn By: BSM  
Date: 1/29/2015    Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Ms. Sandra Clark, Director  
Michigan Historical Center  
PO Box 30740  
Lansing MI 48909

**Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504**

Dear Ms. Clark:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

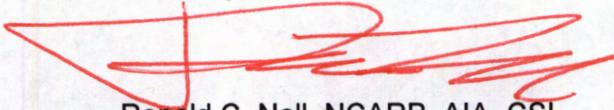
8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

K:\11 GIS\3559150002\_Gerald\_Ford\_Museum\150129.mxd



**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
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**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Mr. Russ Mason, Chief  
Department of Natural Resources  
Wildlife Division  
PO Box 30444  
Lansing MI 48909-7944

**Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504**

Dear Mr. Mason:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

The existing museum building is 54,004 square feet, comprised of the 1979-1980 original building and a 2003 addition on the north side. Once completed, the Learning Center will be approximately 8,000 square feet in size (both first and second floors) and will fully meet the standards set forth in NARA Directive 1571, Architectural and Design Standards for Presidential Libraries, dated July, 2014.<sup>1</sup> The footprint for the first story will be approximately 4,000 square feet and extend approximately 40 feet from the south side of the existing building with a total length of 110 feet. The elevation for the proposed Learning Center will be at the same elevation as the existing building. Construction of the Learning Center will be completed on previously disturbed lands and will require the relocation of an existing public sanitary sewer and the relocation of the existing drop-off driveway south through the exiting parking lot. Other site improvements include new sidewalks, new maintenance access, and new catering vendor parking access. It is anticipated that the project area will be excavated to 8 feet below surface to provide suitable foundation bearing conditions. The location and general configuration of the proposed project is shown in the attached figure.

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

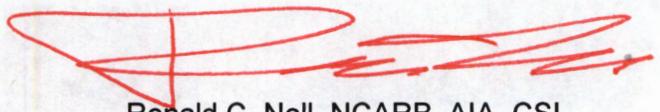
8601 ADELPHI ROAD  
COLLEGE PARK, MD 20740-6001

[www.archives.gov](http://www.archives.gov)

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.

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**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
- Proposed Asphalt
- Proposed Sidewalk
- Proposed Building Expansion
- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



0 50 100  
Feet



Job No. 3559150002	Drawn By: BSM
Date: 1/29/2015	Reviewed By: WJE

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NATIONAL  
ARCHIVES

February 5, 2015

Ms. Patty Trapp, Acting Regional Director  
National Park Service, Midwest Region  
601 Riverfront Drive  
Omaha, NE 68102-4226

Subject: Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

Dear Ms. Trapp:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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We appreciate your assistance and consultation regarding this proposed project.

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Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



**Legend**

- Study Area
- Existing Sanitary Sewer
- Proposed Sanitary Sewer
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- Proposed Sidewalk
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- Proposed Bioretention Area



**Gerald R. Ford  
Presidential Museum  
Learning Center Addition  
Grand Rapids, Michigan**



Job No. 3559150002 Drawn By: BSM  
Date: 1/29/2015 Reviewed By: WJE

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**NATIONAL  
ARCHIVES**

February 5, 2015

Michigan Department of Environmental Quality  
State Office Building, 5th Floor  
350 Ottawa Avenue NW, Unit 10  
Grand Rapids, MI 49503-2341

**Subject:** Environmental Assessment Request for Information for the Learning Center  
Addition to the Gerald R. Ford Presidential Museum  
303 Pearl Street NW, Grand Rapids, MI 43504

To whom it may concern:

The National Archives and Records Administration (NARA), in cooperation with the Ford Foundation, is planning to build an addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. The proposed project consists of adding a two-story Learning Center at the southwest facade of the existing museum. The purpose of this letter is to notify your office of the proposed undertaking and to seek comments regarding the potential impacts of the proposed project.

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NATIONAL ARCHIVES *and*  
RECORDS ADMINISTRATION

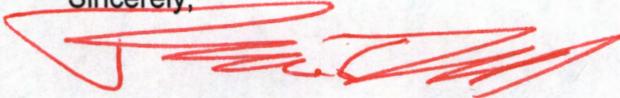
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Facility and Property Management Division  
Space Planning & Projects Branch Chief (BFS)  
Supervisory Architect  
NARA  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Enc.



# **B.1**

## **Responses**



STATE OF MICHIGAN

RICK SNYDER  
GOVERNOR

MICHIGAN STATE HOUSING DEVELOPMENT AUTHORITY

WAYNE WORKMAN  
ACTING-EXECUTIVE DIRECTOR

February 12, 2015

RONALD C NOLL  
NATIONAL ARCHIVES AND RECORDS ADMINISTRATION  
8601 ADELPHIA ROAD ROOM 2300  
COLLEGE PARK MD 20740-6001

RE: ER03-421 Gerald R. Ford Presidential Museum Learning Center Addition, 303 Pearl Street  
NW, Sec. 25, T7N, R12W, Grand Rapids, Kent County (NARA)

Dear Mr. Noll,

Under the authority of Section 106 of the National Historic Preservation Act of 1966, as amended, we have reviewed the above-cited undertaking at the location noted above. Based on the information provided for our review, it is the opinion of the State Historic Preservation Officer (SHPO) that **no historic properties are affected** within the area of potential effects of this undertaking.

This letter evidences the NARA's compliance with 36 CFR § 800.4 "Identification of historic properties," and the fulfillment of the NARA's responsibility to notify the SHPO, as a consulting party in the Section 106 process, under 36 CFR § 800.4(d)(1) "No historic properties affected." **If the scope of work changes in any way, or if artifacts or bones are discovered, please notify this office immediately.**

The State Historic Preservation Office is not the office of record for this undertaking. You are therefore asked to maintain a copy of this letter with your environmental review record for this undertaking.

If you have any questions, please contact Brian Grennell, Cultural Resource Management Specialist, at (517) 335-2721 or by email at GrennellB@michigan.gov. **Please reference our project number in all communication with this office regarding this undertaking.** Thank you for this opportunity to review and comment, and for your cooperation.

Sincerely,

Brian Grennell  
Cultural Resource Management Specialist

for Brian D. Conway  
State Historic Preservation Officer

SAT:BGG:sbt

Copy: Bill Elzinga, Amec Foster Wheeler

State Historic Preservation Office

Michigan Library and Historical Center • 702 West Kalamazoo Street • P.O. Box 30740 Lansing, Michigan 48909-8240  
michigan.gov/shpo • 517.373.1630 • FAX 517.335.0348 • TTY 800.382.4568



# ZIIBIWING CENTER

*of Anishinabe Culture & Lifeways*

THE SAGINAW CHIPPEWA INDIAN TRIBE OF MICHIGAN  
6650 E. Broadway • Mt. Pleasant, Michigan 48858

February 17, 2015

National Archives and Records Administration

RE: Initiation of the National Historic Preservation Act Section 106 Consultation for the Learning Center Addition to the Gerald R. Ford Presidential Museum 303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Noll,

This letter is in response to the above referenced project.

At this time we do not have any information concerning the presence of any Indian Traditional Cultural Properties, Sacred Sites or other Significant Properties to the projected project area(s). This is not to say that such a site may not exist, just that this office does not have any available information of the area(s) at this time. I have included a list of other tribes who are claimants to land in Kent County on the next page. These tribes may be able to give you additional information regarding your proposed project as well.

This office would be willing to assist if in the future or during the construction there is an inadvertent discovery of Native American human remains or burial objects. Feel free to call my office if you have any questions or requests at 989-775-4730.

We thank you for including this Tribe in your plans.

Sincerely,

*William Johnson* /sjh

Curator

Ziibiwing Center of Anishinabe Culture & Lifeways  
Saginaw Chippewa Indian Tribe of Michigan

6650 E. Broadway • Mt. Pleasant, MI 48858 • Phone (989) 775-4750 or (800) 225-8172  
Fax (989) 775-4770 • [www.sagchip.org/ziibiwing](http://www.sagchip.org/ziibiwing) • [www.nativedirect.com](http://www.nativedirect.com)

## **List of Other Land Claimants to Kent County**

Bad River Band of Lake Superior Chippewa Tribe  
Bay Mills Indian Community  
Bois Forte Band of Chippewa  
Chippewa Cree Tribe of the Rocky Boy's Reservation of Montana  
Citizen Potawatomi Nation  
Fond du Lac Band of Lake Superior Chippewa  
Forest County Potawatomi  
Grand Portage Tribe  
Grand Traverse Band of Ottawa and Chippewa Indians  
Hannahville Potawatomi Indian Community  
Keweenaw Bay Indian Community Lake Superior Band of Chippewa Indians  
Lac Courte Oreilles Band of Lake Superior Chippewa  
Lac du Flambeau Band of Lake Superior Chippewa  
Lac Vieux Desert Band of Lake Superior Chippewa Indians  
Leech Lake Band of Ojibwe  
Little River Band of Ottawa Indians  
Little Traverse Bay Band of Odawa Indians  
Match-E-Be-Nash-She-Wish Band of Pottawatomi Indians (Gun Lake Band)  
Mille Lacs Band of Ojibwe Assembly  
Minnesota Chippewa Tribe  
Nottawaseppi Huron Band of Potawatomi Indians  
Ottawa Tribe of Oklahoma  
Pokagon Band of Potawatomi Indians  
Prairie Band of Potawatomi Indians  
Quechan Indian Tribal  
Red Cliff Band of Lake Superior Chippewa Indians  
Red Lake Band of Chippewa Indians  
Saint Croix Chippewa Indians of Wisconsin  
Sault Ste. Marie Tribe of Chippewa Indians of Michigan  
Sokaogon Chippewa Community  
Turtle Mountain Band of Chippewa Indians of North Dakota  
White Earth Band of Minnesota Chippewa Tribe

**From:** Wesley Andrews <[manidok@hotmail.com](mailto:manidok@hotmail.com)>  
**Date:** February 25, 2015 at 6:27:41 AM EST  
**To:** "[ronald.noll@nara.gov](mailto:ronald.noll@nara.gov)" <[ronald.noll@nara.gov](mailto:ronald.noll@nara.gov)>  
**Subject:** 106 Consultation Gerald Ford Museum Grand Rapids Michigan

Dear Mr. Noll,

Your letter of February 5, 2015 to Chairman Kiogima regarding the above referenced project was forwarded to me for response.

This project area along the Grand River is sensitive for the presence of Native American Cultural Resources, including burials, and recommend that a professional archaeologist monitor all ground disturbing activities associated with it.

We also request to be sent a copy of the draft EA when it is issued March 9, 2015. If you have any comments or questions please feel free to contact me at any time.

Sincerely,

Wesley Andrews, THPO-NAGPRA Representative  
The Little Traverse Bay Bands of Odawa Indians  
7500 Odawa Circle  
Harbor Springs, MI 49740

(231) 670-0713



## Bay Mills Indian Community

12140 West Lakeshore Drive  
Brimley, Michigan 49715  
(906) 248-3241 Fax-(906) 248-3283



March 12, 2015

**NEW FEE: Effective February 23, 2015 - (see attached memo)**

**Project ID: Gerald R. Ford Presidential Museum Learning Center Addition**

Hello,

The Bay Mills Indian Community Tribal Historic Preservation Office (THPO) received your request for information related to properties of traditional and cultural significance within the vicinity of the proposed facility and any comments or concerns for affects to those properties as according to you obligations under Section 106 of the National Historic Preservation Act and the Native American Graves Protection Act.

The Bay Mills Tribal Historic Preservation Office does not release information related to properties of traditional religious and cultural significance to anyone. However, through government-to-government consultation, the Bay Mills THPO will review project documents to determine whether or not any of these sites exist within the Area of Potential Effects and if so what those effects may be. If we have identified any sites of concern in our research of the project area, we will notify you of the fact.

Please forward the following information: a short summary of the proposed ground disturbing activity, Legal Description of the Area of Potential Effects, Topo maps identifying the proposed area, and copies of any studies that have already been conducted regarding cultural resources and archaeology in their full format, including reports on archaeological and cultural sites identified.

**To enable us to participate fully, the Bay Mills THPO fee for such services is \$300.** \$150 for historical/cultural records research and \$150 for archaeological records review per section of land. The fee must be submitted so that the research can be done. At that time we will review and make our determinations with the appropriate information that we have on file with our Tribe pertaining to this area.

All Collocation Projects will be handled in the same manner as new projects UNLESS the Bay Mills Indian Community commented on the original project.

Should you have any questions, please feel free to contact me at 906-248-8458.

Sincerely,

Paula Carrick, THPO

**Fee can be sent along with the requested information to:**

Bay Mills Indian Community THPO  
12140 West Lakeshore Drive  
Brimley, MI 49715  
[paulacarrick@baymills.org](mailto:paulacarrick@baymills.org)



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF NATURAL RESOURCES  
LANSING



KEITH CREAGH  
DIRECTOR

March 24, 2015

NARA  
8601 Adelphia Road, Room 2300  
College, Park, MD 20740-6001

Dear Mr. Noll:

Thank you for your February 6, 2015 letter outlining the addition to the Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. You requested Environmental Assessment Request for more Information for the Learning Center Addition from the DNR, Parks and Recreation Division.

At this time, we do not have any issues with this project based upon the information you provided us. Should you have any questions or need information from our division, please contact Vicki Anthes, Planning Section Chief, at 517-284-6081.

Sincerely,

Ronald A. Olson, Chief  
DNR Parks and Recreation  
517-284-6135

cc: Ms. Vicki Anthes

From: "Whitscell, Amanda (DEQ)" <WhitscellA@michigan.gov>  
To: "ronald.noll@nara.gov" <ronald.noll@nara.gov>  
Subject: Environmental Assessment Request for Information for the Learning Center Addition to the Gerald R. Ford Presidential Museum

Dear Mr. Noll,

I have reviewed your correspondence dated February 5, 2015, and the Draft Environmental Assessment dated March 6, 2015 from the National Archives and Records Administration regarding the proposed expansion project to be undertaken at the Gerald R. Ford Presidential Museum located at 303 Pearl St., NW, Grand Rapids, MI 43504.

A desktop review of the project area was conducted for possible resource issues relative to the Water Resources Division (WRD) programs that we administer. This review includes activities that are potentially regulated under the authority of the following State of Michigan statutes: Part 301, Inland Lakes and Streams; Part 303, Wetlands Protection and the Floodplain Regulatory Authority of Part 31, Water Resources, of the Natural Resources and Environmental Protection Agency, 1994 PA 451, as amended. This review is limited to the regulatory issues associated with these statutes, and does not make any assertions regarding any other local, state, or federal environmental laws. A cursory review of the proposed expansion indicates that the project does not involve actual construction activities that might impact wetlands, lakes, streams, or floodplains.

The State of Michigan's Floodplain Regulatory Authority, found in Part 31, Water Resources Protection, NREPA, requires that a permit be obtained prior to any alteration or occupation of the 100-year floodplain of a river, stream or drain. According to the attached site plan the proposed expansion would not be located within the 100-year floodplain of the Grand River therefore no permit under Part 31 would be required.

Regulated activities under Part 303 include depositing or placing of fill material in a wetland, dredging, removing, or permitting the removal of soil or minerals from a wetland, constructing, operating, or maintaining any use or development in a wetland, and/or, draining surface water from a wetland. According to aerial photos and the National Wetlands Inventory, it appears that the proposed project will not impact regulated wetlands, therefore no permit under Part 303 would be required.

Regulated activities under Part 301 include, dredging, filling, constructing or placement of a structure on bottomlands, constructing or operating a marina, create, enlarge or diminish an inland lake or stream, structurally interfering with natural flow of water, constructing an artificial waterway that ultimately connects to or is within 500 feet of the ordinary high-water mark of an existing inland lake or stream, or connecting any natural or artificial water with to an existing inland lake or stream. According to the attached plans and section 3.2.1 of the Draft Environmental Assessment it appears that the proposed project does not include activities regulated under Part 301, therefore no permit would be required.

The Department of Environmental Quality (DEQ) does not administer programs associated with endangered species, wildlife and scenic or natural rivers. These programs are administered by the Department of Natural Resources (DNR) Wildlife and Fisheries Divisions. If upon further development and planning of any of the proposed projects, it is determined that impacts to regulated floodplains, wetlands and/or inland lakes and streams may result please contact me. Thank you again for your interest in the protection of Michigan's natural resources. If you have additional questions or need further information, please contact me.

Sincerely,

Amanda Whitscell  
Environmental Quality Analyst  
Department of Environmental Quality  
Water Resources Division  
350 Ottawa Avenue NW  
Grand Rapids, MI 49503  
Phone: 616-356-0619  
Fax: 616-356-0202

From: "Dandridge, Tameka" <tameka\_dandridge@fws.gov>  
Date: April 1, 2015 at 7:33:31 AM CDT  
To: "Ronald C. Noll" <ronald.noll@nara.gov>  
Subject: Learning Center Addition to the Gerald R. Museum, Grand Rapids, MI

Please visit <http://ecos.fws.gov/ipac/> for initial project scoping and maps, then <http://www.fws.gov/midwest/endangered/section7/s7process/index.html> for step-by-step walk through of the Endangered Species Act section 7 consultation.

If your project area does not provide habitat for federally listed species, it is appropriate to conclude with a no effect determination, in which case, section 7 consultation ends and contact with this office is not required.

If you conclude that your project may affect, but is not likely to adversely affect listed species, then you will need to submit in writing to our office, a request for concurrence.

--

Tameka N. Dandridge  
U.S. Fish and Wildlife Service  
East Lansing Field Office  
2651 Coolidge Road  
Suite 101  
East Lansing, Michigan 48823  
tameka\_dandridge@fws.gov

\*\*\*My schedule: M: 7-4:30; T: 7-12; W: 7-3:30; Th: 7-11; F (telework): 7-11\*\*\*



**DEPARTMENT OF THE ARMY**  
DETROIT DISTRICT, CORPS OF ENGINEERS  
477 MICHIGAN AVE.  
DETROIT, MICHIGAN 48226-2550

April 6, 2015

IN REPLY REFER TO:

Planning Office  
Environmental Analysis Branch

Ronald C. Noll, NCARB, AIA, CSI  
Facility and Property Mngt. Division  
Space Planning & Projects Branch Chief (BFS)  
National Archives and Records Administration  
8601 Adelphia Road, Room 2300  
College Park, MD 20740-6001

Dear Mr. Noll:

This letter is in response to your February 5, 2015, letter requesting information on the proposed Learning Center Addition to the Gerald R. Ford Presidential Museum in Grand Rapids, Michigan. In accordance with our responsibilities, the following comments are provided under our civil works/floodplain management programs.

Regarding Department of the Army regulatory jurisdiction, our Regulatory Office notes that in 1984 a portion of the Corps' regulatory responsibilities was assumed by the State of Michigan. Your project site is within the assumed area. Unless otherwise notified, a separate authorization from the Corps is not required; however, permits may be required by the Michigan Department of Environmental Quality.

Our civil works program does not include any current plans to develop waterways in the vicinity of your project; nor do we have any current or proposed flood control studies for the area described in your letter.

Effects on floodplains could occur with construction fill and above ground structures, if located in the floodplain. Please refer to the National Flood Insurance Program Guidelines and to local building ordinances for construction requirements of structures within a floodplain.

We recommend that you coordinate with local officials and with the Michigan Department of Environmental Quality regarding the applicability of a floodplain permit prior to construction. This coordination would help ensure compliance with local and state floodplain management regulations and acts. If you obtain information that any part of your project would impact the floodplain, you should consider other sites. This would be consistent with current Federal policy to formulate projects that, to the extent possible, avoid or minimize adverse impacts associated with use of the floodplain.

We appreciate the opportunity to comment on the proposed Learning Center Addition to the Gerald R. Ford Presidential Museum in Grand Rapids, Michigan. Any questions may be directed to Mr. Paul Allerding of my staff at 313-226-7590 or me at 313-226-2476.

Sincerely,

***Original signed***

Charles A. Uhlarik, Chief  
Environmental Analysis Branch

Copies furnished:

Mary Weidel, Corps Floodplain Management Services, Detroit



# ZIIBIWING CENTER

*of Anishinabe Culture & Lifeways*

---

THE SAGINAW CHIPPEWA INDIAN TRIBE OF MICHIGAN  
6650 E. Broadway • Mt. Pleasant, Michigan 48858

March 17, 2015

Amec Foster Wheeler

RE: Draft Environmental Assessment, Learning Center Addition to the Gerald R. Ford Presidential Museum, 303 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Elzinga,

This letter is in response to the above referenced project.

At this time we do not have any information concerning the presence of any Indian Traditional Cultural Properties, Sacred Sites or other Significant Properties to the projected project area(s). This is not to say that such a site may not exist, just that this office does not have any available information of the area(s) at this time.

This office would be willing to assist if in the future or during the construction there is an inadvertent discovery of Native American human remains or burial objects. Feel free to call my office if you have any questions or requests at 989-775-4730.

We thank you for including this Tribe in your plans.

Sincerely,

*William Johnson* /sjh

Curator

Ziibiwing Center of Anishinabe Culture & Lifeways

Saginaw Chippewa Indian Tribe of Michigan

6650 E. Broadway • Mt. Pleasant, MI 48858 • Phone (989) 775-4750 or (800) 225-8172  
Fax (989) 775-4770 • [www.sagchip.org/ziibiwing](http://www.sagchip.org/ziibiwing) • [www.nativedirect.com](http://www.nativedirect.com)



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
East Lansing Field Office (ES)  
2651 Coolidge Road, Suite 101  
East Lansing, Michigan 48823-6316

IN REPLY REFER TO:

April 28, 2015

Mr. Ronald C. Noll, NCARB, AIA, CSI  
Supervisory Architect  
Space Planning and Projects Branch Chief  
NARA, Room 1150  
8601 Adelphi Road  
College Park, MD 20740-6001

Re: Draft Environmental Assessment, Learning Center Addition to the Gerald R. Ford, Presidential Museum, 202 Pearl Street NW, Grand Rapids, MI 43504

Dear Mr. Noll:

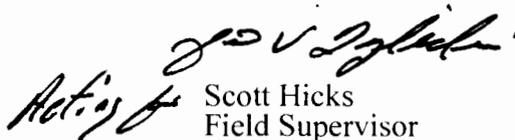
Thank you for your correspondence of March 6, 2015, requesting a review for the above-referenced project. The proposed project consists of the construction of a two-story Learning Center at the southwest façade of the existing Gerald R. Ford Presidential Museum, located in Grand Rapids, Michigan. Additional site improvements include a new maintenance access, new catering vendor parking access and new sidewalks. The project location is in Township 7 North, Range 12 West, Section 25, Grand Rapids Charter Township, Kent County, Michigan.

Your project correctly identified five species of federal concern potentially occurring in the location of the Gerald R. Ford Presidential Museum. The snuffbox mussel (*Epioblasma triquetra*), the Karner blue butterfly (*Lycæides melissa samuelis*), the Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*) and the candidate species, eastern massasauga (*Sistrurus catenatus*). We agree with your assessment that no significant impact to these listed natural resources should occur as a result of the proposed action.

This precludes the need for further action on this project as required by U. S Fish and Wildlife Service. If the project is modified or new information about the project becomes available that indicates listed species, or critical habitat may be affected in a manner or to the extent not previously considered, you should reinitiate consultation with this office.

We appreciate the opportunity to cooperate with you in conserving endangered species. If you have any questions regarding these comments, please contact this office by email at [EastLansing@fws.gov](mailto:EastLansing@fws.gov) or 517-351-2555.

Sincerely,

  
Acting Field Supervisor  
Scott Hicks  
Field Supervisor

cc: Dan Kennedy, MDNR, Wildlife Division, Lansing, MI  
Keto Gyekis, MDEQ, Lansing, MI

# **Appendix C**

## **EDR Records Searches**

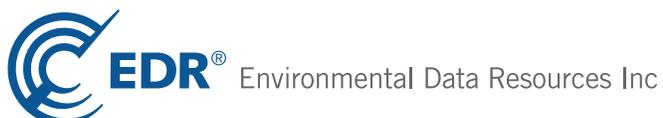
**Gerald R. Ford Museum**

303 Pearl Street, NW  
Grand Rapids, MI 49504

Inquiry Number: 4186046.2s

January 20, 2015

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

#### Disclaimer - Copyright and Trademark Notice

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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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

303 PEARL STREET, NW  
KENT County, MI 49504

#### COORDINATES

Latitude (North): 42.9684000 - 42° 58' 6.24"  
Longitude (West): 85.6774000 - 85° 40' 38.64"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 607861.9  
UTM Y (Meters): 4757939.5  
Elevation: 604 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42085-H6 GRAND RAPIDS WEST, MI  
Most Recent Revision: 1996

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120705, 20120625  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### 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

## EXECUTIVE SUMMARY

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 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  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***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 - equivalent CERCLIS***

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

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

SWF/LF..... Solid Waste Facilities Database

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields and UST Site Database

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
HIST LF..... Inactive Solid Waste Facilities  
SWRCY..... Recycling 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  
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  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
FINDS..... Facility Index System/Facility Registry System  
RAATS..... RCRA Administrative Action Tracking System  
RMP..... Risk Management Plans  
UIC..... Underground Injection Wells Database  
DRYCLEANERS..... Drycleaning Establishments  
NPDES..... List of Active NPDES Permits  
AIRS..... Permit and Emissions Inventory Data  
INDIAN RESERV..... Indian Reservations

## EXECUTIVE SUMMARY

SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
COAL ASH.....	Coal Ash Disposal Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS.....	Lead Smelter Sites
COAL ASH DOE.....	Steam-Electric Plant Operation Data
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
WDS.....	Waste Data System
Financial Assurance.....	Financial Assurance Information Listing

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank  
RGA PART 201..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities 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

## EXECUTIVE SUMMARY

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 10/25/2013 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>
SPUR GAS STATION	420 STOCKING ST	WNW 1/4 - 1/2 (0.402 mi.)	W85	107

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 CORRACTS 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>
<b>DETREX CHEMICAL</b>	<b>312 ELLSWORTH AVE SW</b>	<b>SSE 1/2 - 1 (0.784 mi.)</b>	<b>161</b>	<b>193</b>

### ***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 08/01/2014 has revealed that there are 17 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>
<b>CITY/GRAND RAPIDS-GUS WEST LOT</b> Facility Status: Closed	<b>328 SUMMER ST NW</b>	<b>WNW 1/8 - 1/4 (0.152 mi.)</b>	<b>B7</b>	<b>10</b>
<b>FORMER FRASIER GRINDING SITE</b> Facility Status: Closed	<b>79 SUMMER AVE</b>	<b>SW 1/8 - 1/4 (0.187 mi.)</b>	<b>C14</b>	<b>18</b>
<b>LC-2624 RYDER TRUCK RENTAL</b> Facility Status: Closed	<b>504 LAKE MICHIGAN DR</b>	<b>SW 1/4 - 1/2 (0.258 mi.)</b>	<b>F27</b>	<b>28</b>
<b>HALL OF JUSTICE</b> Facility Status: Closed	<b>333 MONROE AVE NW</b>	<b>ENE 1/4 - 1/2 (0.271 mi.)</b>	<b>34</b>	<b>34</b>
<b>USPS - GR D &amp; DC</b> Facility Status: Closed	<b>225 MICHIGAN ST NW</b>	<b>ENE 1/4 - 1/2 (0.286 mi.)</b>	<b>K44</b>	<b>39</b>
<b>201 MICHIGAN STREET NW</b> Facility Status: Open	<b>201 MICHIGAN STREET NW</b>	<b>ENE 1/4 - 1/2 (0.296 mi.)</b>	<b>K49</b>	<b>42</b>
<b>ADMIRAL PETROLEUM CO #94</b> Facility Status: Closed	<b>346 FULTON ST W</b>	<b>SSW 1/4 - 1/2 (0.369 mi.)</b>	<b>S62</b>	<b>61</b>
<b>THE GRAND RAPIDS PRESS</b> Facility Status: Closed	<b>155 MICHIGAN ST NW</b>	<b>ENE 1/4 - 1/2 (0.384 mi.)</b>	<b>T70</b>	<b>67</b>
<b>GSG LLC</b> Facility Status: Closed	<b>438 STOCKING AVE NW</b>	<b>WNW 1/4 - 1/2 (0.400 mi.)</b>	<b>W82</b>	<b>105</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DAVE COLE DECORATORS INC</b> Facility Status: Closed	<b>40 LEXINGTON AVE NW</b>	<b>SW 1/4 - 1/2 (0.423 mi.)</b>	<b>Y96</b>	<b>131</b>
<b>ANDY DYKEMA &amp; BILL PAPKE</b> Facility Status: Closed	<b>SE CORNER OF MICH &amp; ION</b>	<b>ENE 1/4 - 1/2 (0.449 mi.)</b>	<b>111</b>	<b>145</b>
<b>CITY OF GRAND RAPIDS</b> Facility Status: Open Facility Status: Closed	<b>IONIA/PEARL</b>	<b>ESE 1/4 - 1/2 (0.450 mi.)</b>	<b>AC112</b>	<b>146</b>
<b>FORMER ADOBE PROPERTY</b> Facility Status: Open	<b>610 W FULTON ST AREA NW</b>	<b>SW 1/4 - 1/2 (0.461 mi.)</b>	<b>122</b>	<b>159</b>
<b>GRAND RAPIDS FOAM RUBBER CO</b> Facility Status: Closed	<b>55 MARKET ST</b>	<b>SSE 1/4 - 1/2 (0.464 mi.)</b>	<b>AH124</b>	<b>161</b>
<b>FOUR STAR SERVICE STATION #8</b> Facility Status: Closed	<b>513 STOCKING NW</b>	<b>WNW 1/4 - 1/2 (0.477 mi.)</b>	<b>AN139</b>	<b>172</b>
<b>BUTTERWORTH HOSPITAL PARKING L</b> Facility Status: Open	<b>302 DIVISION AVE NE NE</b>	<b>E 1/4 - 1/2 (0.481 mi.)</b>	<b>142</b>	<b>174</b>
<b>GRCC COLLEGE PARK PLAZZA</b> Facility Status: Closed	<b>180 N DIVISION</b>	<b>ESE 1/4 - 1/2 (0.485 mi.)</b>	<b>AO145</b>	<b>178</b>

### **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 12/02/2014 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>
<b>CITY/GRAND RAPIDS-GUS WEST LOT</b>	<b>328 SUMMER ST NW</b>	<b>WNW 1/8 - 1/4 (0.152 mi.)</b>	<b>B7</b>	<b>10</b>
<b>FORMER FRASIER GRINDING SITE</b>	<b>79 SUMMER AVE</b>	<b>SW 1/8 - 1/4 (0.187 mi.)</b>	<b>C14</b>	<b>18</b>
GRAND RAPIDS BLDG SERVICES INC	236 WINTER NW	W 1/8 - 1/4 (0.198 mi.)	17	22
POLICE DEPT	MONROE & BRIDGE	E 1/8 - 1/4 (0.214 mi.)	19	24
BRIDGE STREET FIRE STATION #3	500 BRIDGE ST NW	NW 1/8 - 1/4 (0.241 mi.)	E23	26

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 12/11/2014 has revealed that there is 1 AST site 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>
VANMANEN OIL CO	0305 LAKE MICHIGAN	SW 1/8 - 1/4 (0.159 mi.)	12	15

## EXECUTIVE SUMMARY

### ***State and tribal institutional control / engineering control registries***

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

A review of the AUL list, as provided by EDR, and dated 09/03/2014 has revealed that there are 6 AUL 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>
<b>NO AM CORP</b>	<b>329 SUMMER AVE NW</b>	<b>WNW 1/8 - 1/4 (0.154 mi.)</b>	<b>B8</b>	<b>11</b>
<b>CITY OF GRAND RAPIDS</b>	<b>300 MONROE AVE NW</b>	<b>E 1/4 - 1/2 (0.268 mi.)</b>	<b>G32</b>	<b>32</b>
<b>346 WEST FULTON STREET</b>	<b>346 WEST FULTON STREET</b>	<b>SSW 1/4 - 1/2 (0.369 mi.)</b>	<b>S64</b>	<b>64</b>
<b>GRF INDUSTRIES INC</b>	<b>600 BOND AVENUE</b>	<b>NE 1/4 - 1/2 (0.473 mi.)</b>	<b>AK136</b>	<b>170</b>
<b>COLLEGE PARK PLAZA BUILDING</b>	<b>180 NORTH DIVISION AVEN</b>	<b>ESE 1/4 - 1/2 (0.485 mi.)</b>	<b>AO144</b>	<b>176</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOLIDAY INN</b>	<b>310 PEARL STREET NW</b>	<b>S 1/8 - 1/4 (0.127 mi.)</b>	<b>1</b>	<b>7</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/22/2014 has revealed that there are 7 US BROWNFIELDS 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>
<b>UNITED BANK PROPERTIES</b>	<b>601, 603, 605, AND 613</b>	<b>WNW 1/4 - 1/2 (0.318 mi.)</b>	<b>56</b>	<b>45</b>
<b>FORMER MILLER PRODUCTS PROPERT</b>	<b>601 AND 614 FIRST ST.,</b>	<b>NW 1/4 - 1/2 (0.397 mi.)</b>	<b>V78</b>	<b>73</b>
<b>LEXINGTON ELEMENTARY SCHOOL</b>	<b>45 LEXINGTON AVE. NW</b>	<b>SW 1/4 - 1/2 (0.421 mi.)</b>	<b>Y92</b>	<b>110</b>
<b>MERCANTILE BANK PROPERTIES</b>	<b>420 AND 430 STOCKING AV</b>	<b>WNW 1/4 - 1/2 (0.423 mi.)</b>	<b>94</b>	<b>117</b>
<b>141 IONIA AVENUE</b>	<b>141 IONIA AVENUE NW</b>	<b>ESE 1/4 - 1/2 (0.447 mi.)</b>	<b>AC109</b>	<b>140</b>
<b>725 LAKE MICHIGAN DRIVE</b>	<b>725 LAKE MICHIGAN DRIVE</b>	<b>WSW 1/4 - 1/2 (0.458 mi.)</b>	<b>AG120</b>	<b>150</b>
<b>THE MORTON HOUSE</b>	<b>55 IONIA AVE NW</b>	<b>ESE 1/4 - 1/2 (0.491 mi.)</b>	<b>AP146</b>	<b>180</b>

#### ***Local Lists of Hazardous waste / Contaminated Sites***

PART 201: A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

A review of the PART 201 list, as provided by EDR, and dated 10/01/2013 has revealed that there are

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17 PART 201 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>
<i>NO AM CORP</i>	329 SUMMER AVE NW	WNW 1/8 - 1/4 (0.154 mi.)	B8	11
<i>MT. VERNON FOUNDRY</i>	15 MT. VERNON AVENUE NW	SSW 1/4 - 1/2 (0.314 mi.)	53	44
<i>WOLVERINE BRASS WORKS</i>	648 MONROE AVE NW	NNE 1/4 - 1/2 (0.473 mi.)	AM135	169
<i>ANHEUSER BUSCH ICEHOUSE - FMR</i>	72 GRANDVILLE AVENUE SW	SSE 1/2 - 1 (0.531 mi.)	152	185
<i>AUTOBOND (FORMER)</i>	706 BOND AVE. NW	NNE 1/2 - 1 (0.563 mi.)	154	187
<i>JOHN WIDDICOMB CO</i>	601 5TH ST NW	NNW 1/2 - 1 (0.628 mi.)	157	188
<i>121 SHELDON AVENUE SE</i>	121 SHELDON AVE SE	SE 1/2 - 1 (0.766 mi.)	160	193
<i>DETREX CHEMICAL</i>	312 ELLSWORTH AVE SW	SSE 1/2 - 1 (0.784 mi.)	161	193
<i>AMERICAN SEATING CO</i>	901 BROADWAY AVE NW	N 1/2 - 1 (0.792 mi.)	162	207
<i>818 BUTTERWORTH ST. NW</i>	818 BUTTERWORTH ST. NW	SW 1/2 - 1 (0.844 mi.)	163	212
<i>MICHCON COAL GASIFICATION PLAN</i>	440 WEALTHY STREET	S 1/2 - 1 (0.844 mi.)	164	213
<i>245 STATE ST SE</i>	241 STATE ST SE	SE 1/2 - 1 (0.895 mi.)	167	217
<i>BUTTERWORTH AVE. AREA CONTAM.</i>	900-1200 BUTTERWORTH AV	SW 1/2 - 1 (0.925 mi.)	169	218
<i>ABLE FINISHING COMPANY</i>	343 STRAIGHT ST. SW	SSW 1/2 - 1 (0.946 mi.)	172	219
<i>CONSUMERS ENERGY</i>	WEALTHY STREET EXTENSIO	SW 1/2 - 1 (0.957 mi.)	173	220
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DEWITT BARRELS INC</i>	417 WATSON ST SW	SSW 1/2 - 1 (0.502 mi.)	151	184
<i>449 MARKET AVE SW</i>	449 MARKET AVE SW	SSW 1/2 - 1 (0.917 mi.)	168	217

INVENTORY: The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the INVENTORY list, as provided by EDR, and dated 10/27/2014 has revealed that there are 65 INVENTORY 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>
333 BRIDGE STREET NW	333 BRIDGE STREET NW 0.	NNE 1/8 - 1/4 (0.151 mi.)	A3	8
333 BRIDGE STREET NW	333 BRIDGE STREET NW	NNE 1/8 - 1/4 (0.151 mi.)	A5	9
<i>NO AM CORP</i>	329 SUMMER AVE NW	WNW 1/8 - 1/4 (0.154 mi.)	B8	11
337 SUMMER AVENUE NW	337 SUMMER AVENUE NW	WNW 1/8 - 1/4 (0.158 mi.)	B10	14
505 LAKE MICHIGAN DRIVE NW	505 LAKE MICHIGAN DRIVE	SW 1/4 - 1/2 (0.257 mi.)	F25	27
ATLAS TRUCKING CO	505 LAKE MICHIGAN DRIVE	SW 1/4 - 1/2 (0.257 mi.)	F26	28
HEARTSIDE REDEVELOPMENT	MULTIPLE SITES	E 1/4 - 1/2 (0.264 mi.)	G28	30
UEDAP REDEVELOPMENT AREA	MULTIPLE SITES	E 1/4 - 1/2 (0.264 mi.)	G29	30
MONROE AVENUE/RIVERFRONT	MONROE AVENUE/RIVERFRONT	NW 1/4 - 1/2 (0.264 mi.)	G30	31
527 BRIDGE STREET NW	527 BRIDGE STREET NW	NW 1/4 - 1/2 (0.271 mi.)	H35	36
201 MONROE AVENUE NW	201 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.273 mi.)	I36	36

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<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
190 MONROE AVENUE NW, UNIT 2	190 MONROE AVENUE NW, U	ESE 1/4 - 1/2 (0.283 mi.)	I39	37
190 MONROE AVENUE NW, 6TH FLOOR	190 MONROE AVENUE NW, 6	ESE 1/4 - 1/2 (0.283 mi.)	I40	38
190 MONROE AVENUE NW	190 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.283 mi.)	I41	38
<b>600 DOUGLAS STREET NW</b>	<b>600 DOUGLAS STREET NW</b>	<b>WNW 1/4 - 1/2 (0.285 mi.)</b>	<b>J42</b>	<b>38</b>
600 DOUGLAS STREET NW	600 DOUGLAS STREET NW	WNW 1/4 - 1/2 (0.285 mi.)	J43	39
180 MONROE AVENUE NW	180 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.294 mi.)	M48	42
201 MICHIGAN STREET NW	201 MICHIGAN STREET NW	ENE 1/4 - 1/2 (0.296 mi.)	K50	43
432 MONROE AVENUE NW	432 MONROE AVENUE NW	NE 1/4 - 1/2 (0.315 mi.)	O55	45
617 DOUGLAS STREET NW	617 DOUGLAS STREET NW	WNW 1/4 - 1/2 (0.319 mi.)	P57	59
617 BRIDGE STREET NW	617 BRIDGE STREET NW	WNW 1/4 - 1/2 (0.349 mi.)	Q59	60
1ST STREET N.W., 601	601 1ST STREET NW	NW 1/4 - 1/2 (0.364 mi.)	R60	60
<b>500 &amp; 502 2ND STREET NW</b>	<b>500 &amp; 502 2ND STREET NW</b>	<b>NW 1/4 - 1/2 (0.366 mi.)</b>	<b>61</b>	<b>60</b>
<b>ADMIRAL PETROLEUM CO #94</b>	<b>346 FULTON ST W</b>	<b>SSW 1/4 - 1/2 (0.369 mi.)</b>	<b>S62</b>	<b>61</b>
401 STOCKING AVENUE NW	401 STOCKING AVENUE NW	WNW 1/4 - 1/2 (0.370 mi.)	Q65	65
601, 614 1ST ST/520 2ND ST/501	601 & 614 1ST ST, 520 2	NW 1/4 - 1/2 (0.374 mi.)	R66	65
50 MONROE AVENUE NW	50 MONROE AVENUE NW	SE 1/4 - 1/2 (0.384 mi.)	68	66
155 MICHIGAN STREET NW	155 MICHIGAN STREET NW	ENE 1/4 - 1/2 (0.384 mi.)	T69	66
533 MONROE AVENUE NW	533 MONROE AVENUE NW	NE 1/4 - 1/2 (0.389 mi.)	U74	71
544 MONROE AVENUE NW	544 MONROE AVENUE NW	NE 1/4 - 1/2 (0.398 mi.)	U81	105
LEDYARD BUILDING PROPERTY	125 OTTAWA AVENUE NW	ESE 1/4 - 1/2 (0.400 mi.)	X83	107
125 OTTAWA AVENUE NW	125 OTTAWA AVENUE NW	ESE 1/4 - 1/2 (0.400 mi.)	X84	107
PENINSULAR CLUB PROPERTY	120 OTTAWA AVENUE NW	ESE 1/4 - 1/2 (0.405 mi.)	X89	109
51 LEXINGTON AVENUE NW	51 LEXINGTON AVENUE NW	SW 1/4 - 1/2 (0.419 mi.)	Y90	110
LEXINGTON SCHOOL PROPERTY PROJ	45 LEXINGTON AVENUE NW	SW 1/4 - 1/2 (0.421 mi.)	Y93	117
40 LEXINGTON AVENUE NW	40 LEXINGTON AVENUE NW	SW 1/4 - 1/2 (0.423 mi.)	Y95	131
45 OTTAWA AVENUE NW	45 OTTAWA AVENUE NW	SE 1/4 - 1/2 (0.426 mi.)	Z98	136
246 IONIA AVENUE NW	246 IONIA AVENUE NW	E 1/4 - 1/2 (0.429 mi.)	99	136
VACANT PROPERTY	520-522 BOND AVENUE NW	NE 1/4 - 1/2 (0.430 mi.)	AA101	137
601 MONROE AVENUE NW	601 MONROE AVENUE NW	NE 1/4 - 1/2 (0.433 mi.)	AB102	137
600 MONROE AVENUE NW	600 MONROE AVENUE NW	NE 1/4 - 1/2 (0.439 mi.)	AB105	139
538 BOND AVENUE	538 BOND AVENUE	NE 1/4 - 1/2 (0.439 mi.)	AA107	140
32 MARKET AVENUE SW	32 MARKET AVENUE SW	SSE 1/4 - 1/2 (0.448 mi.)	AD110	145
<b>CITY OF GRAND RAPIDS</b>	<b>IONIA/PEARL</b>	<b>ESE 1/4 - 1/2 (0.450 mi.)</b>	<b>AC112</b>	<b>146</b>
607 DEWEY AVENUE NW	607 DEWEY AVENUE NW	NNW 1/4 - 1/2 (0.451 mi.)	AE113	147
618 DEWEY AVENUE NW	618 DEWEY AVENUE NW	NNW 1/4 - 1/2 (0.457 mi.)	AE115	148
50 LOUIS STREET NW	50 LOUIS STREET NW	SE 1/4 - 1/2 (0.458 mi.)	AF116	148
725 LAKE MICHIGAN DRIVE NW	725 LAKE MICHIGAN DRIVE	WSW 1/4 - 1/2 (0.458 mi.)	AG119	150
<b>FORMER ADOBE PROPERTY</b>	<b>610 W FULTON ST AREA NW</b>	<b>SW 1/4 - 1/2 (0.461 mi.)</b>	<b>122</b>	<b>159</b>
616 FULTON STREET WEST	616 FULTON STREET WEST	SW 1/4 - 1/2 (0.463 mi.)	123	161
CHARLEY'S CRAB PROPERTY	63 MARKET AVENUE SW	SSE 1/4 - 1/2 (0.466 mi.)	AH126	163
532 OTTAWA AVENUE NW	532 OTTAWA AVENUE NW	NE 1/4 - 1/2 (0.470 mi.)	AI128	164
ICON ON BOND LLC	538 & 601 BOND AVENUE N	NE 1/4 - 1/2 (0.472 mi.)	AK131	165
245 NORTH DIVISION AVENUE	245 NORTH DIVISION AVEN	E 1/4 - 1/2 (0.472 mi.)	AL133	166
<b>WOLVERINE BRASS WORKS</b>	<b>648 MONROE AVE NW</b>	<b>NNE 1/4 - 1/2 (0.473 mi.)</b>	<b>AM135</b>	<b>169</b>
138 - 148 EAST FULTON STREET	138 - 148 EAST FULTON S	SE 1/4 - 1/2 (0.474 mi.)	138	171
158 WESTON STREET SW	158 WESTON STREET SW	SSE 1/4 - 1/2 (0.478 mi.)	AJ140	173
200 NORTH DIVISION AVENUE	200 NORTH DIVISION AVEN	E 1/4 - 1/2 (0.479 mi.)	141	174
<b>BUTTERWORTH HOSPITAL PARKING L</b>	<b>302 DIVISION AVE NE NE</b>	<b>E 1/4 - 1/2 (0.481 mi.)</b>	<b>142</b>	<b>174</b>
<b>GRCC COLLEGE PARK PLAZZA</b>	<b>180 N DIVISION</b>	<b>ESE 1/4 - 1/2 (0.485 mi.)</b>	<b>AO145</b>	<b>178</b>
522 STOCKING AVENUE NW	522 STOCKING AVENUE NW	NW 1/4 - 1/2 (0.494 mi.)	AN147	182
64 IONIA AVENUE NW	64 IONIA AVENUE NW	ESE 1/4 - 1/2 (0.495 mi.)	AP149	183
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>HOLIDAY INN</b>	<b>310 PEARL STREET NW</b>	<b>S 1/8 - 1/4 (0.127 mi.)</b>	<b>1</b>	<b>7</b>
226 PEARL STREET NW	226 PEARL STREET NW	SE 1/8 - 1/4 (0.225 mi.)	D22	26

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
85 CAMPAU AVENUE NW	85 CAMPAU AVENUE NW	SE 1/4 - 1/2 (0.297 mi.)	N52	44

DEL PART 201: A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

A review of the DEL PART 201 list, as provided by EDR, and dated 08/01/2013 has revealed that there are 8 DEL PART 201 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>
<b>MT. VERNON FOUNDRY</b>	<b>15 MT. VERNON AVENUE NW</b>	<b>SSW 1/4 - 1/2 (0.314 mi.)</b>	<b>53</b>	<b>44</b>
4TH STREET NW, 615	615 4TH STREET NW	NW 1/2 - 1 (0.549 mi.)	153	186
<b>JEUP INC</b>	<b>560 5TH ST NW</b>	<b>NNW 1/2 - 1 (0.583 mi.)</b>	<b>155</b>	<b>188</b>
5TH STREET NW, 600	600 5TH STREET NW	NNW 1/2 - 1 (0.600 mi.)	156	188
<b>JOHN WIDDICOMB CO</b>	<b>601 5TH ST NW</b>	<b>NNW 1/2 - 1 (0.628 mi.)</b>	<b>157</b>	<b>188</b>
<b>248 WILLIAMS STREET SW</b>	<b>248 WILLIAMS STREET SW</b>	<b>SSE 1/2 - 1 (0.680 mi.)</b>	<b>158</b>	<b>191</b>
<b>900-1010 MONROE AVENUE NW</b>	<b>900-1010 MONROE AVENUE</b>	<b>NNE 1/2 - 1 (0.723 mi.)</b>	<b>159</b>	<b>192</b>
<b>GRATA BUS GARAGE</b>	<b>333 WEALTHY ST. SW</b>	<b>S 1/2 - 1 (0.853 mi.)</b>	<b>165</b>	<b>214</b>

### Other Ascertainable Records

RCRA NonGen / NLR: 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 / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there are 4 RCRA NonGen / NLR 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>
<b>NO AM CORP</b>	<b>329 SUMMER AVE NW</b>	<b>WNW 1/8 - 1/4 (0.154 mi.)</b>	<b>B9</b>	<b>13</b>
<b>NEWHOF AUTO BODY</b>	<b>340 SUMMER AVE NW</b>	<b>WNW 1/8 - 1/4 (0.160 mi.)</b>	<b>B13</b>	<b>16</b>
<b>STOW DAVIS</b>	<b>25 SUMMER AVE.</b>	<b>SW 1/8 - 1/4 (0.197 mi.)</b>	<b>C16</b>	<b>20</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TON TEX CORP</b>	<b>247 PEARL ST NW</b>	<b>SE 1/8 - 1/4 (0.206 mi.)</b>	<b>D18</b>	<b>23</b>

BEA: A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there are 59 BEA

## EXECUTIVE SUMMARY

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>
<b>333 BRIDGE STREET NW</b>	<b>333 BRIDGE STREET NW</b>	<b>NNE 1/8 - 1/4 (0.151 mi.)</b>	<b>A4</b>	<b>8</b>
333 BRIDGE STREET N. W.	333 BRIDGE STREET N. W.	NNE 1/8 - 1/4 (0.151 mi.)	A6	9
337 SUMMER AVENUE NW	337 SUMMER AVENUE NW	WNW 1/8 - 1/4 (0.158 mi.)	B11	14
351/355 WINTER AVENUE NW	351/355 WINTER AVENUE N	WNW 1/8 - 1/4 (0.216 mi.)	20	25
<b>LC-2624 RYDER TRUCK RENTAL</b>	<b>504 LAKE MICHIGAN DR</b>	<b>SW 1/4 - 1/2 (0.258 mi.)</b>	<b>F27</b>	<b>28</b>
<b>CITY OF GRAND RAPIDS</b>	<b>245 MONROE AVE NW</b>	<b>E 1/4 - 1/2 (0.264 mi.)</b>	<b>31</b>	<b>31</b>
528-R BRIDGE STREET NW	528-R BRIDGE STREET NW	NW 1/4 - 1/2 (0.271 mi.)	H33	33
<b>HALL OF JUSTICE</b>	<b>333 MONROE AVE NW</b>	<b>ENE 1/4 - 1/2 (0.271 mi.)</b>	<b>34</b>	<b>34</b>
201 MONROE AVENUE NW	201 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.273 mi.)	I37	36
190 MONROE AVENUE NW, 6TH FLOO	190 MONROE AVENUE NW, 6	ESE 1/4 - 1/2 (0.283 mi.)	I38	37
<b>600 DOUGLAS STREET NW</b>	<b>600 DOUGLAS STREET NW</b>	<b>WNW 1/4 - 1/2 (0.285 mi.)</b>	<b>J42</b>	<b>38</b>
190 MONROE AVENUE NW	190 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.293 mi.)	L45	41
190 MONROE AVENUE NW, UNIT 2	190 MONROE AVENUE NW, U	ESE 1/4 - 1/2 (0.293 mi.)	L46	41
180 MONROE AVENUE NW	180 MONROE AVENUE NW	ESE 1/4 - 1/2 (0.294 mi.)	M47	41
<b>201 MICHIGAN STREET NW</b>	<b>201 MICHIGAN STREET NW</b>	<b>ENE 1/4 - 1/2 (0.296 mi.)</b>	<b>K49</b>	<b>42</b>
432 MONROE AVENUE NW	432 MONROE AVENUE NW	NE 1/4 - 1/2 (0.315 mi.)	O54	44
617 DOUGLAS STREET NW	617 DOUGLAS STREET NW	WNW 1/4 - 1/2 (0.319 mi.)	P58	59
<b>500 &amp; 502 2ND STREET NW</b>	<b>500 &amp; 502 2ND STREET NW</b>	<b>NW 1/4 - 1/2 (0.366 mi.)</b>	<b>61</b>	<b>60</b>
346 FULTON STREET WEST	346 FULTON STREET WEST	SSW 1/4 - 1/2 (0.369 mi.)	S63	63
<b>346 WEST FULTON STREET</b>	<b>346 WEST FULTON STREET</b>	<b>SSW 1/4 - 1/2 (0.369 mi.)</b>	<b>S64</b>	<b>64</b>
200-300 OTTAWA N. W. (DEEP CRE	200-300 OTTAWA AVENUE N	ESE 1/4 - 1/2 (0.378 mi.)	67	66
<b>THE GRAND RAPIDS PRESS</b>	<b>155 MICHIGAN ST NW</b>	<b>ENE 1/4 - 1/2 (0.384 mi.)</b>	<b>T70</b>	<b>67</b>
511, 519, 525 MONROE AVE. N. W	511, 519, 525 MONROE AV	NE 1/4 - 1/2 (0.384 mi.)	U71	70
50 MONROE AVENUE NW	50 MONROE AVENUE NW	SE 1/4 - 1/2 (0.387 mi.)	72	70
533 MONROE AVENUE NW	533 MONROE AVENUE NW	NE 1/4 - 1/2 (0.389 mi.)	U73	71
601 & 614 1ST ST/501 ALABAMA/5	601 & 614 1ST STREET &	NW 1/4 - 1/2 (0.397 mi.)	V75	71
601, 614 1ST ST/520 2ND ST/501	601 & 614 1ST ST, 520 2	NW 1/4 - 1/2 (0.397 mi.)	V76	72
601 FIRST STREET NW	601 FIRST STREET NW	NW 1/4 - 1/2 (0.397 mi.)	V77	72
<b>614 FIRST STREET PARTNERS LLC</b>	<b>601 1ST ST NW</b>	<b>NW 1/4 - 1/2 (0.397 mi.)</b>	<b>V79</b>	<b>96</b>
544 MONROE AVENUE NW	544 MONROE AVENUE NW	NE 1/4 - 1/2 (0.398 mi.)	U80	105
125 OTTAWA AVENUE NW	125 OTTAWA AVENUE NW	ESE 1/4 - 1/2 (0.403 mi.)	X86	108
500 WEST FULTON STREET	500 WEST FULTON STREET	SSW 1/4 - 1/2 (0.403 mi.)	87	109
PENINSULAR CLUB PROPERTY	120 OTTAWA AVENUE NW	ESE 1/4 - 1/2 (0.405 mi.)	X88	109
51 LEXINGTON AVENUE NW	51 LEXINGTON AVENUE NW	SW 1/4 - 1/2 (0.419 mi.)	Y91	110
<b>DAVE COLE DECORATORS INC</b>	<b>40 LEXINGTON AVE NW</b>	<b>SW 1/4 - 1/2 (0.423 mi.)</b>	<b>Y96</b>	<b>131</b>
45 OTTAWA AVENUE NW	45 OTTAWA AVENUE NW	SE 1/4 - 1/2 (0.426 mi.)	Z97	135
VACANT PROPERTY	520-522 BOND AVENUE NW	NE 1/4 - 1/2 (0.430 mi.)	AA100	136
601 MONROE AVENUE NW	601 MONROE AVENUE NW	NE 1/4 - 1/2 (0.433 mi.)	AB103	137
600 MONROE AVENUE NW	600 MONROE AVENUE NW	NE 1/4 - 1/2 (0.439 mi.)	AB104	138
600 MONROE AVE. N. W.	600 MONROE AVE. N. W.	NE 1/4 - 1/2 (0.439 mi.)	AB106	139
607 DEWEY AVENUE NW	607 DEWEY AVENUE NW	NNW 1/4 - 1/2 (0.451 mi.)	AE114	148
<b>50 LOUIS STREET NW</b>	<b>50 LOUIS STREET NW</b>	<b>SE 1/4 - 1/2 (0.458 mi.)</b>	<b>AF117</b>	<b>149</b>
725 LAKE MICHIGAN DRIVE NW	725 LAKE MICHIGAN DRIVE	WSW 1/4 - 1/2 (0.458 mi.)	AG118	149
41 MARKET AVE. S. W.	41 MARKET AVE. S. W.	SSE 1/4 - 1/2 (0.461 mi.)	AD121	159
<b>GRAND RAPIDS FOAM RUBBER CO</b>	<b>55 MARKET ST</b>	<b>SSE 1/4 - 1/2 (0.464 mi.)</b>	<b>AH124</b>	<b>161</b>
42 MARKET AVE SW/41-43 GRANDVI	42 MARKET AVENUE SW &	SSE 1/4 - 1/2 (0.465 mi.)	AH125	162
<b>CHARLEY'S CRAB PROPERTY</b>	<b>63 MARKET AVENUE SW</b>	<b>SSE 1/4 - 1/2 (0.466 mi.)</b>	<b>AH127</b>	<b>163</b>
COMMERCIAL PROPERTY & PARKING	535-549 & 542-546 OTTAW	NE 1/4 - 1/2 (0.470 mi.)	AI129	164
32 MARKET AVENUE SW	32 MARKET AVENUE SW	SSE 1/4 - 1/2 (0.472 mi.)	AJ130	165
245 NORTH DIVISION AVENUE	245 NORTH DIVISION AVEN	E 1/4 - 1/2 (0.472 mi.)	AL132	166
<b>WOLVERINE BRASS WORKS</b>	<b>648 MONROE AVE</b>	<b>NNE 1/4 - 1/2 (0.473 mi.)</b>	<b>AM134</b>	<b>166</b>
<b>WOLVERINE BRASS WORKS</b>	<b>648 MONROE AVE NW</b>	<b>NNE 1/4 - 1/2 (0.473 mi.)</b>	<b>AM135</b>	<b>169</b>
GRAND RAPIDS FOUNDRY	538, 600 & 601 BOND AVE	NE 1/4 - 1/2 (0.473 mi.)	AK137	171
<b>RIVERVIEW CENTER LLC</b>	<b>678 FRONT ST NW</b>	<b>N 1/4 - 1/2 (0.484 mi.)</b>	<b>143</b>	<b>176</b>
<b>OXY METAL INDUSTRIES CORP GRAN</b>	<b>522 STOCKING AVE NW</b>	<b>NW 1/4 - 1/2 (0.494 mi.)</b>	<b>AN148</b>	<b>183</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
32 GRANDVILLE AVE., SW	32 GRANDVILLE AVE., SW	SSE 1/4 - 1/2 (0.498 mi.)	150	184

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
226 PEARL STREET NW	226 PEARL STREET NW	SE 1/8 - 1/4 (0.225 mi.)	D21	26
85 CAMPAU AVENUE NW	85 CAMPAU AVENUE NW	SE 1/4 - 1/2 (0.297 mi.)	N51	43
22 AND 38 FRONT AVENUE SW	22 AND 38 FRONT AVENUE	SSW 1/4 - 1/2 (0.444 mi.)	108	140

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP: 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 EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP 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>
GRAND RAPIDS GASLIGHT CO	WEALTHY STREET ANNEX	S 1/2 - 1 (0.872 mi.)	166	216
MICHCON COAL GASIFICATION PLAN	440 WEALTHY STREET	S 1/2 - 1 (0.927 mi.)	AQ170	218
GRAND RAPIDS GASLIGHT CO	WEALTHY STREET	S 1/2 - 1 (0.927 mi.)	AQ171	219

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 3 EDR US Hist Auto Stat 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>
Not reported	333 BRIDGE ST NW	NNE 1/8 - 1/4 (0.151 mi.)	A2	8
Not reported	300 WINTER AVE NW	W 1/8 - 1/4 (0.192 mi.)	15	19
Not reported	500 BRIDGE ST NW	NW 1/8 - 1/4 (0.241 mi.)	E24	27

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

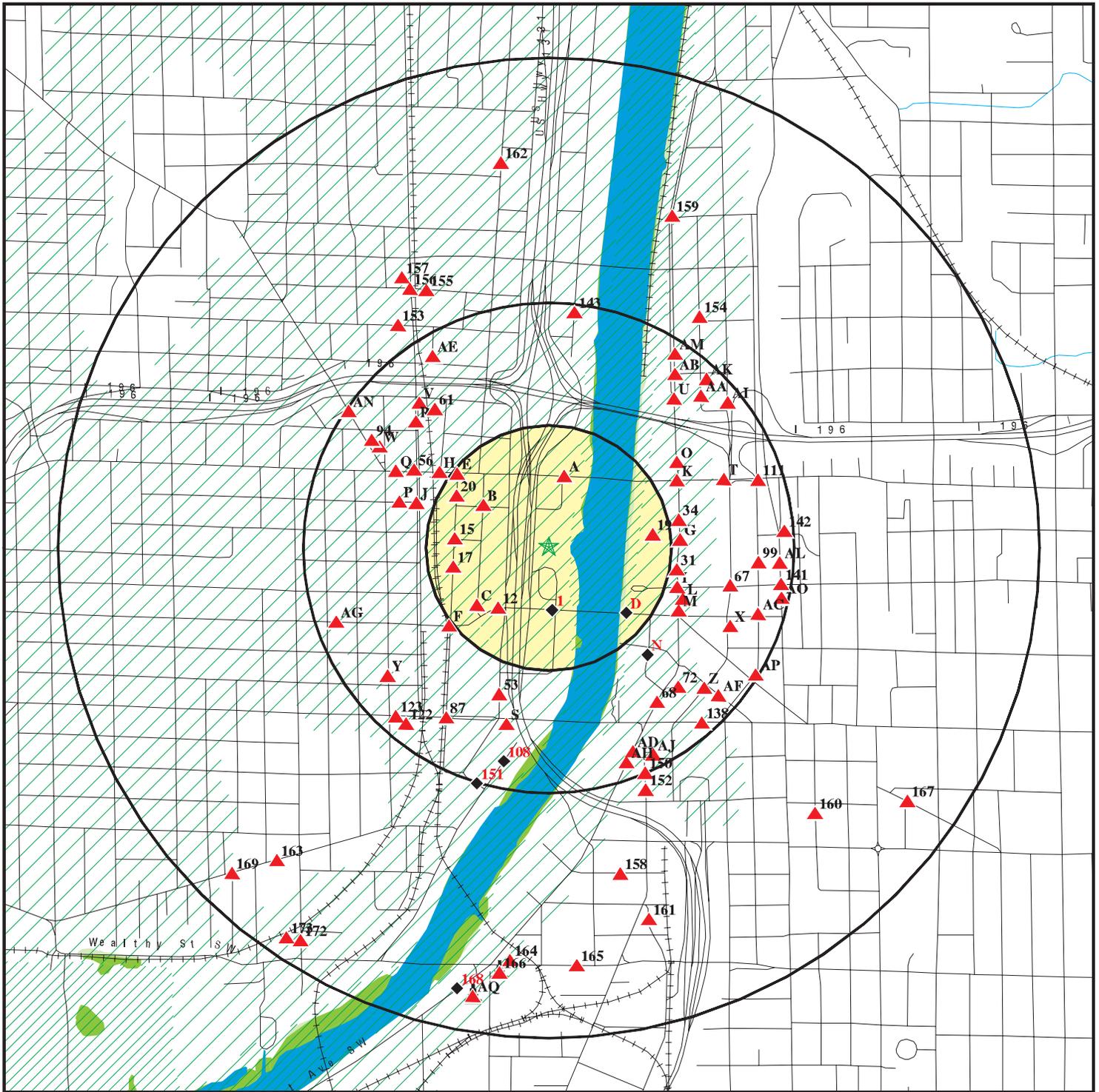
Site Name

FORMER KOCH MATERIALS COMPANY  
68TH. ST. & DIVISION AREA  
MICHIGAN CONSOLIDATED WEALTHY ST A

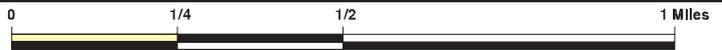
Database(s)

PART 201, BEA  
PART 201, DEL PART 201  
CERC-NFRAP

# OVERVIEW MAP - 4186046.2S



- ★ 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

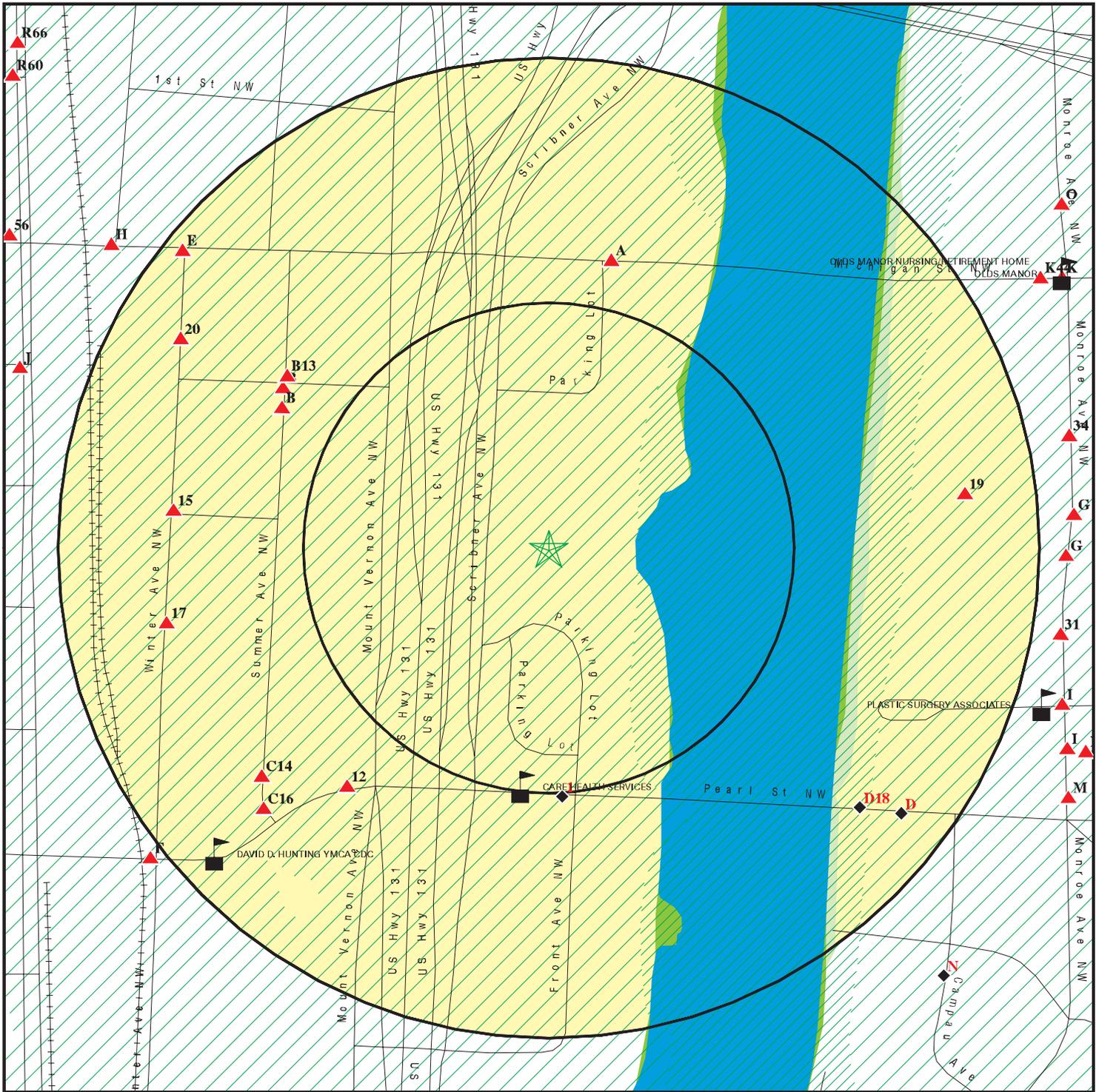


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Gerald R. Ford Museum  
 ADDRESS: 303 Pearl Street, NW  
 Grand Rapids MI 49504  
 LAT/LONG: 42.9684 / 85.6774

CLIENT: AMEC  
 CONTACT: Karen Boulware  
 INQUIRY #: 4186046.2s  
 DATE: January 20, 2015 12:46 pm

# DETAIL MAP - 4186046.2S



- ★ 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: Gerald R. Ford Museum  
 ADDRESS: 303 Pearl Street, NW  
 Grand Rapids MI 49504  
 LAT/LONG: 42.9684 / 85.6774

CLIENT: AMEC  
 CONTACT: Karen Boulware  
 INQUIRY #: 4186046.2s  
 DATE: January 20, 2015 12:47 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	1	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	2	15	NR	NR	17
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST	0.250		0	5	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	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AUL	0.500		0	2	4	NR	NR	6
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	7	NR	NR	7
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
PART 201	1.000		0	1	2	14	NR	17
INVENTORY	0.500		0	6	59	NR	NR	65
DEL PART 201	1.000		0	0	1	7	NR	8
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	4	NR	NR	NR	4
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

## 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
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US 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
RMP	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		0	5	54	NR	NR	59
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	3	NR	3
EDR US Hist Auto Stat	0.250		0	3	NR	NR	NR	3
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA PART 201	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0

#### 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

**1**  
**South**  
**1/8-1/4**  
**0.127 mi.**  
**670 ft.**

**HOLIDAY INN**  
**310 PEARL STREET NW**  
**GRAND RAPIDS, MI 49504**

**INVENTORY** **S114026365**  
**AUL** **N/A**

**Relative:**  
**Lower**

**INVENTORY:**  
 Bea Number: Not reported  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: Part 201  
 Latitude: 42.96564  
 Longitude: -85.67779

**Actual:**  
**602 ft.**

**AUL:**

Status: Recorded  
 Site Name: Not reported  
 Property: on-site  
 Land Use Restriction Type: RC  
 Program Type: Part 201  
 Program Support Assigned User: Nicholas Ekel  
 Program Support Assigned Date: 03/22/2013  
 Legal Description Of Property: Not reported  
 Based On The Deq Ref #: 11120113005  
 MDEQ Reference Number: RC-RRD-201-13-005  
 Property Or Description Restricted Area: Not reported  
 Lead Division: RRD  
 File Name Of Hyperlinked Legal Doc: U:\KERMIT\11120113005.PDF  
 Mapped Polygons Area In Acres: 3.5661999999999998  
 Mapped Polygons Area In Square Miles: 5.4999999999999997E-3  
 Date Data Entry Started: 06/11/2013  
 Date Data Entry Finished: 06/11/2013  
 Individual Or Staff Assoc With The Mapping: Nicholas Ekel  
 Program Used To Map Restricted Features: ArcGIS 10.1  
 Date Legal Paperwork Stamped/Filed/Register Of Deeds: 02/28/2013  
 Commercial I Land Use Restriction: 0  
 Commercial Ii Land Use Restriction: 0  
 Commercial Iii Land Use Restriction: 1  
 Commercial Iv Land Use Restriction: 1  
 Industrial Land Use Restriction: 0  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 1  
 Groundwater Consumption Restrictions: 1  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 0  
 Excavation And Soil Movement Restrictions: 0  
 Soil Movement Requirements: 0  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 1  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0

Map Comments: 20130322 - LRUR is NOT mapped in KERMIT - Nick Ekel  
 20130611 - LRUR is mapped in KERMIT - Nick Ekel

Comment: February 20, 2013 consultant requested DEQ reference #. No facility ID is assigned as of date, Darlene Stringer- PM.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A2  
NNE  
1/8-1/4  
0.151 mi.  
795 ft.

333 BRIDGE ST NW  
GRAND RAPIDS, MI 49504

Site 1 of 5 in cluster A

EDR US Hist Auto Stat 1015432350  
N/A

Relative:  
Higher  
Actual:  
610 ft.

EDR Historical Auto Stations:  
Name: TOWER AUTOMOTIVE INC  
Year: 2005  
Address: 333 BRIDGE ST NW  
Name: TOWER AUTOMOTIVE INC  
Year: 2006  
Address: 333 BRIDGE ST NW

A3  
NNE  
1/8-1/4  
0.151 mi.  
795 ft.

333 BRIDGE STREET NW  
333 BRIDGE STREET NW 0.51 - ACRE VACANT PROPERTY  
KENT (County), MI 49504

Site 2 of 5 in cluster A

INVENTORY S114025415  
N/A

Relative:  
Higher  
Actual:  
610 ft.

INVENTORY:  
Bea Number: 200501606GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

A4  
NNE  
1/8-1/4  
0.151 mi.  
795 ft.

333 BRIDGE STREET NW  
333 BRIDGE STREET NW  
GRAND RAPIDS, MI 49504

Site 3 of 5 in cluster A

BEA S106896496  
WDS N/A

Relative:  
Higher  
Actual:  
610 ft.

BEA:  
Secondary Address: Not reported  
BEA Number: 3462  
District: Grand Rapids  
Date Received: 05/30/2013  
Submitter Name: Hertz Grand Rapids One LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division  
Secondary Address: 0.51 - Acre Vacant Property  
BEA Number: 1606  
District: Grand Rapids  
Date Received: 04/26/2005  
Submitter Name: Bridgewater Condos, LC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**333 BRIDGE STREET NW (Continued)**

**S106896496**

Division Assigned: Environmental Response Division

WDS:

Site Id: MIG000041206  
WMD Id: 442900  
Site Specific Name: BRIDGEWATER DENTAL  
Mailing Address: 333 BRIDGE ST NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

**A5**  
**NNE**  
**1/8-1/4**  
**0.151 mi.**  
**795 ft.**

**333 BRIDGE STREET NW**  
**333 BRIDGE STREET NW**  
**KENT (County), MI 49504**

**INVENTORY** **S114025414**  
**N/A**

**Site 4 of 5 in cluster A**

**Relative:**  
**Higher**

INVENTORY:

Bea Number: 201303462GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**610 ft.**

**A6**  
**NNE**  
**1/8-1/4**  
**0.151 mi.**  
**795 ft.**

**333 BRIDGE STREET N. W.**  
**333 BRIDGE STREET N. W.**  
**GRAND RAPIDS, MI**

**BEA** **S104912246**  
**N/A**

**Site 5 of 5 in cluster A**

**Relative:**  
**Higher**

BEA:

Secondary Address: Bridgewater Place  
BEA Number: 879  
District: Grand Rapids  
Date Received: 03/27/2001  
Submitter Name: SH2, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: obrient1  
Division Assigned: Environmental Response Division

**Actual:**  
**610 ft.**

Secondary Address: Bridgewater Place  
BEA Number: 880  
District: Grand Rapids  
Date Received: 03/27/2001  
Submitter Name: BT2, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: whitebl  
Division Assigned: Environmental Response Division

Secondary Address: Bridgewater Place

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**333 BRIDGE STREET N. W. (Continued)**

**S104912246**

BEA Number: 881  
District: Grand Rapids  
Date Received: 03/27/2001  
Submitter Name: Bridgewater Place, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**B7  
WNW  
1/8-1/4  
0.152 mi.  
802 ft.**

**CITY/GRAND RAPIDS-GUS WEST LOT  
328 SUMMER ST NW  
GRAND RAPIDS, MI 49503  
Site 1 of 6 in cluster B**

**LUST U003330754  
UST N/A  
WDS**

**Relative:  
Higher**

LUST:  
Facility ID: 00039490  
Source: STATE OF MICHIGAN  
Owner Name: City of Grand Rapids DDA  
Owner Address: 300 Monroe NW 9th Floor  
Owner City,St,Zip: Grand Rapids, MI 49503  
Owner Contact: Not reported  
Owner Phone: (616) 456-3034  
Country: USA  
District: Grand Rapids District Office  
Site Name: City/grand Rapids-gus West Lot  
Latitude: 42.96923  
Longitude: -85.67981  
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-0822-97  
Release Date: 09/09/1997  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 12/15/1997

**Actual:  
611 ft.**

UST:  
Facility ID: 00039490  
Facility Type: CLOSED  
Owner Name: CITY OF GRAND RAPIDS DDA  
Owner Address: 300 MONROE NW 9TH FLOOR  
Owner City,St,Zip: GRAND RAPIDS, MI 49503  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 456-3034  
Contact: KARL KOSTER  
Contact Phone: (616) 456-3060  
Date of Collection: 01/11/2001  
Accuracy: 100  
Accuracy Value Unit: FEET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY/GRAND RAPIDS-GUS WEST LOT (Continued)

U003330754

Horizontal Datum: NAD83  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
Latitude: 42.96923  
Longitude: -85.67981

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 1000  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 09/09/1997  
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

WDS:

Site Id: MIG000050251  
WMD Id: 438176  
Site Specific Name: CITY OF GRAND RAPIDS  
Mailing Address: 328 SUMMER AVE NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

**B8** **NO AM CORP**  
**WNW** **329 SUMMER AVE NW**  
**1/8-1/4** **GRAND RAPIDS, MI 49504**  
**0.154 mi.**  
**812 ft.** **Site 2 of 6 in cluster B**

**PART 201** **S108632560**  
**INVENTORY** **N/A**  
**AUL**  
**WDS**

**Relative:** PART 201:  
**Higher** Facility ID: 41000768  
**Actual:** **Facility Status: Inactive - no actions taken to address contamination**  
**611 ft.** Source: Not reported  
SAM Score: 38  
SAM Score Date: 06/02/2005  
Township: 07N  
Range: 12W  
Section: 25  
Quarter: NW  
Quarter/Quarter: NE  
Pollutants: Not reported

INVENTORY:

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96962  
Longitude: -85.6805

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO AM CORP (Continued)**

**S108632560**

AUL:

Status: Recorded  
Site Name: No-Am Corporation  
Property: No-Am Corporation  
Land Use Restriction Type: RC  
Program Type: Part 201  
Program Support Assigned User: Nicholas Ekel  
Program Support Assigned Date: 10/25/2011  
Legal Description Of Property: Site Address  
Based On The Deq Ref #: 11120104026  
MDEQ Reference Number: RC-RRD-201-04-026  
Property Or Description Restricted Area: Not reported  
Lead Division: RRD  
File Name Of Hyperlinked Legal Doc: U:\KERMIT\11120104026.PDF  
Mapped Polygons Area In Acres: 1.0205  
Mapped Polygons Area In Square Miles: 0.0015  
Date Data Entry Started: 12/14/2011  
Date Data Entry Finished: 12/14/2011  
Individual Or Staff Assoc With The Mapping: Nicholas Ekel  
Program Used To Map Restricted Features: ArcINFO 9.3 & IcoMAP 4.2  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 05/17/1995  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 0  
Commercial Iv Land Use Restriction: 0  
Industrial Land Use Restriction: 1  
Residential Land Use Restriction: 0  
Recreational Land Use Restriction: 0  
Multiple Land-Use Restrictions: 0  
Site Specific Restrictions: 0  
Groundwater Consumption Restrictions: 1  
Groundwater Contact Restrictions: 0  
Special Well Construction Requirements: 0  
Special Building Restrictions: 0  
Excavation And Soil Movement Restrictions: 0  
Soil Movement Requirements: 1  
There Is A Restriction On All Construction: 0  
Monitoring Well Protected, No Tampering Or Removal: 0  
There Is An Exposure Barrier In Place: 1  
There Is A Health And Safety Plan: 0  
There Is A Permanent Marker On The Site: 0  
Map Comments: 20111025 - LRUR is NOT mapped in KERMIT - Nick Ekel  
mapped in KERMIT - Nick Ekel  
Comment: Not reported

WDS:

Site Id: MID006026132  
WMD Id: 394116  
Site Specific Name: NO AM CORP  
Mailing Address: 329 SUMMER AVE NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B9**  
**WNW**  
**1/8-1/4**  
**0.154 mi.**  
**812 ft.**

**NO AM CORP**  
**329 SUMMER AVE NW**  
**GRAND RAPIDS, MI 49504**

**RCRA NonGen / NLR** **1000149428**  
**FINDS** **MID006026132**

**Site 3 of 6 in cluster B**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**611 ft.**

Date form received by agency: 12/03/1987  
Facility name: NO AM CORP  
Facility address: 329 SUMMER AVE NW  
GRAND RAPIDS, MI 49504  
EPA ID: MID006026132  
Contact: PATRICK STEELE  
Contact address: 329 SUMMER AVE NW  
GRAND RAPIDS, MI 49504  
Contact country: US  
Contact telephone: (616) 451-2771  
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: NAME NOT REPORTED  
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: NOBLE ROGER AND MCDONALD TA  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO AM CORP (Continued)**

**1000149428**

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: 110003583845

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.

**B10**  
**WNW**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**337 SUMMER AVENUE NW**  
**337 SUMMER AVENUE NW**  
**KENT (County), MI 49504**

**INVENTORY S114025449**  
**N/A**

**Site 4 of 6 in cluster B**

**Relative:**  
**Higher**

INVENTORY:

Bea Number: 201203274GR

Township: Grand Rapids

District: Grand Rapids

**Actual:**  
**611 ft.**

Data Source: BEA

Latitude: Not reported

Longitude: Not reported

**B11**  
**WNW**  
**1/8-1/4**  
**0.158 mi.**  
**836 ft.**

**337 SUMMER AVENUE NW**  
**337 SUMMER AVENUE NW**  
**GRAND RAPIDS, MI 49504**

**BEA S112241400**  
**N/A**

**Site 5 of 6 in cluster B**

**Relative:**  
**Higher**

BEA:

Secondary Address: Not reported

BEA Number: 3274

District: Grand Rapids

Date Received: 09/25/2012

Submitter Name: Fifth Third Bank

Petition Determination: No Request

Petition Disclosure: 0

**Actual:**  
**611 ft.**

Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**337 SUMMER AVENUE NW (Continued)**

**S112241400**

Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**12  
SW  
1/8-1/4  
0.159 mi.  
839 ft.**

**VANMANEN OIL CO  
0305 LAKE MICHIGAN  
GRAND RAPIDS, MI 49504**

**AST A100207169  
N/A**

**Relative:  
Higher**

AST:

**Actual:  
613 ft.**

Facility ID: 92070038  
Facility Phone: (616) 453-6344  
Owner Name: VANMANEN OIL CO  
Owner Address: 0305 LAKE MICHIGAN  
Owner City,St,Zip: GRAND RAPIDS, MI 49504-3355  
Owner County: USA  
Owner Contact: Randy Vanmanen  
Owner Telephone: (616) 453-6344  
District: Region 3 / Grand Rapids District Office  
Contact: RICH RAMP  
Type: CLOSED  
Date of Collection: 01/11/2001  
Accuracy: 100 FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Description Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
Horizontal Datum: NAD83  
Latitude: 42.9666430  
Longitude: -85.679427

Tank Id: 2  
Tank Status: Removed from Premises  
Capacity (in gallons): 30000  
Installation Date: Not reported  
Substance Stored: LP  
Removed/Closed Date: 09/01/1992

Tank Id: 1  
Tank Status: Removed from Premises  
Capacity (in gallons): 18000  
Installation Date: 10/15/1991  
Substance Stored: LPG  
Removed/Closed Date: 09/01/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B13**  
**WNW**  
**1/8-1/4**  
**0.160 mi.**  
**843 ft.**

**NEWHOF AUTO BODY**  
**340 SUMMER AVE NW**  
**GRAND RAPIDS, MI 49504**

**RCRA NonGen / NLR** **1000243330**  
**FINDS** **MID097810345**

**Site 6 of 6 in cluster B**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

Date form received by agency: 12/31/2001

Facility name: NEWHOF AUTO BODY

Facility address: 340 SUMMER AVE NW  
GRAND RAPIDS, MI 49504

EPA ID: MID097810345

Contact: WILLIAM COOKE

Contact address: 340 SUMMER AVE NW  
GRAND RAPIDS, MI 49504

Contact country: US

Contact telephone: (616) 454-5694

Contact email: Not reported

EPA Region: 05

Land type: Other land type

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:**  
**611 ft.**

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

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: 01/01/2002

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

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: 01/01/2002

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWHOF AUTO BODY (Continued)**

**1000243330**

Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/25/1985  
Site name: NEWHOF AUTO BODY  
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Waste code: 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

Evaluation Action Summary:

Evaluation date: 02/24/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

FINDS:

Registry ID: 110003609337

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 FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**C14**  
**SW**  
**1/8-1/4**  
**0.187 mi.**  
**985 ft.**

**FORMER FRASIER GRINDING SITE**  
**79 SUMMER AVE**  
**GRAND RAPIDS, MI 49401**

**Site 1 of 2 in cluster C**

**LUST** **U003330760**  
**UST** **N/A**  
**WDS**

**Relative:**  
**Higher**

LUST:

Facility ID: 00039629  
 Source: STATE OF MICHIGAN  
 Owner Name: Grand Valley State Univ  
 Owner Address: 1 Campus Dr  
 Owner City,St,Zip: Allendale, MI 49401-9401  
 Owner Contact: Not reported  
 Owner Phone: (616) 815-3843  
 Country: USA  
 District: Grand Rapids District Office  
 Site Name: Former Frasier Grinding Site  
 Latitude: 42.96556  
 Longitude: -85.68043  
 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:**  
**610 ft.**

Leak Number: C-0146-98  
 Release Date: 02/27/1998  
 Substance Released: Unknown  
 Release Status: Closed  
 Release Closed Date: 06/01/1999

UST:

Facility ID: 00039629  
 Facility Type: CLOSED  
 Owner Name: GRAND VALLEY STATE UNIV  
 Owner Address: 1 CAMPUS DR  
 Owner City,St,Zip: ALLENDALE, MI 49401-9401  
 Owner Country: USA  
 Owner Contact: Not reported  
 Owner Phone: (616) 815-3843  
 Contact: MIKE POTTER  
 Contact Phone: (616) 340-7097  
 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  
 Latitude: 42.96556  
 Longitude: -85.68043

Tank ID: 1  
**Tank Status: Closed in Ground**  
 Capacity: Not reported  
 Product: UNK  
 Install Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER FRASIER GRINDING SITE (Continued)**

**U003330760**

Remove Date: 01/01/1995  
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

WDS:

Site Id: MIG000042983  
WMD Id: 441988  
Site Specific Name: FRASIER GRINDING  
Mailing Address: 79 SUMMER AVE NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

15  
West  
1/8-1/4  
0.192 mi.  
1014 ft.

**300 WINTER AVE NW  
GRAND RAPIDS, MI 49504**

**EDR US Hist Auto Stat 1015399996  
N/A**

**Relative:  
Higher**

EDR Historical Auto Stations:

**Actual:  
612 ft.**

Name: ADVANCED AUTO SERVICE  
Year: 1999  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2000  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SALES  
Year: 2001  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2003  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2004  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2005  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2006  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2007  
Address: 300 WINTER AVE NW

Name: ADVANCED AUTO SERVICE  
Year: 2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015399996

Address: 300 WINTER AVE NW  
Name: ADVANCED AUTO SERVICE  
Year: 2009  
Address: 300 WINTER AVE NW  
Name: ADVANCED AUTO SVC  
Year: 2010  
Address: 300 WINTER AVE NW  
Name: ADVANCED AUTO SERVICE  
Year: 2011  
Address: 300 WINTER AVE NW  
Name: ADVANCED AUTO SERVICE  
Year: 2012  
Address: 300 WINTER AVE NW

C16  
SW  
1/8-1/4  
0.197 mi.  
1038 ft.

STOW DAVIS  
25 SUMMER AVE.  
GRAND RAPIDS, MI 49504

RCRA NonGen / NLR 1000434711  
FINDS MID006014849

Site 2 of 2 in cluster C

Relative:  
Higher

RCRA NonGen / NLR:

Actual:  
610 ft.

Date form received by agency: 07/01/1997  
Facility name: STOW & DAVIS FURNITURE CO  
Facility address: 25 SUMMER AVE NW  
GRAND RAPIDS, MI 49504  
EPA ID: MID006014849  
Contact: LLOYD RITZEMA  
Contact address: 25 SUMMER AVE NW  
GRAND RAPIDS, MI 49504  
Contact country: US  
Contact telephone: (616) 456-9681  
Contact email: Not reported  
EPA Region: 05  
Land type: Other land type  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 01/03/1970  
Owner/Op end date: Not reported  
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STOW DAVIS (Continued)**

**1000434711**

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/03/1970  
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

Historical Generators:

Date form received by agency: 07/21/1980  
Site name: STOW & DAVIS FURNITURE CO  
Classification: Not a generator, verified

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 PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-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

Evaluation Action Summary:

Evaluation date: 06/24/1997  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STOW DAVIS (Continued)**

**1000434711**

FINDS:

Registry ID: 110002119243

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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17  
 West  
 1/8-1/4  
 0.198 mi.  
 1046 ft.

**GRAND RAPIDS BLDG SERVICES INC**  
**236 WINTER NW**  
**GRAND RAPIDS, MI 49504**

**UST U003328141**  
**N/A**

**Relative:**  
**Higher**

UST:

**Actual:**  
**612 ft.**

Facility ID: 00008273  
 Facility Type: CLOSED  
 Owner Name: GRAND RAPIDS BLDG SERV INC  
 Owner Address: 236 WINTER AVE NW  
 Owner City,St,Zip: GRAND RAPIDS, MI 49504  
 Owner Country: USA  
 Owner Contact: Not reported  
 Owner Phone: (616) 451-2064  
 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: Address Matching-House Number  
 Latitude: 42.96775  
 Longitude: -85.68096

Tank ID: 1  
**Tank Status: Removed from Ground**  
 Capacity: 500  
 Product: Gasoline  
 Install Date: 04/01/1971  
 Remove Date: 07/14/1987  
 Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Bare Steel,Galvanized Steel  
 Piping Type: Not reported  
 Construction Material: Asphalt Coated or Bare Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND RAPIDS BLDG SERVICES INC (Continued)**

**U003328141**

Impressed Device: No

**D18**  
**SE**  
**1/8-1/4**  
**0.206 mi.**  
**1090 ft.**

**TON TEX CORP**  
**247 PEARL ST NW**  
**GRAND RAPIDS, MI 49503**

**RCRA NonGen / NLR** **1000139886**  
**FINDS** **MID006016737**

**Site 1 of 3 in cluster D**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 02/01/2002

Facility name: TON TEX CORP

Facility address: 247 PEARL ST NW  
GRAND RAPIDS, MI 49503

EPA ID: MID006016737

Contact: ARNOLD EARNEST

Contact address: 247 PEARL ST NW  
GRAND RAPIDS, MI 49503

Contact country: US

Contact telephone: (616) 456-1737

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:**  
**600 ft.**

**Owner/Operator Summary:**

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

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: 02/02/2002

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

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: 02/02/2002

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TON TEX CORP (Continued)**

**1000139886**

Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/20/1980  
Site name: TON TEX CORP  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

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

Waste code: 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: 110003583426

Environmental Interest/Information System

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19  
East  
1/8-1/4  
0.214 mi.  
1129 ft.

POLICE DEPT  
MONROE & BRIDGE  
GRAND RAPIDS, MI 49503

UST U003327529  
N/A

Relative:  
Higher

UST:

Facility ID: 00000676  
Facility Type: CLOSED  
Owner Name: CITY OF GRAND RAPIDS  
Owner Address: 38 LA GRAVE AVE SE  
Owner City, St, Zip: GRAND RAPIDS, MI 49503-4206  
Owner Country: USA

Actual:  
606 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLICE DEPT (Continued)**

**U003327529**

Owner Contact: Not reported  
Owner Phone: (616) 456-3223  
Contact: MARK A. ROBERTS  
Contact Phone: (616) 456-3227  
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  
Latitude: 42.97047  
Longitude: -85.67228

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 10000  
Product: Gasoline  
Install Date: 04/04/1976  
Remove Date: 01/01/1986  
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

20  
WNW  
1/8-1/4  
0.216 mi.  
1140 ft.

351/355 WINTER AVENUE NW  
351/355 WINTER AVENUE NW  
GRAND RAPIDS, MI

BEA S104909642  
N/A

Relative:  
Higher

BEA:  
Secondary Address: Not reported  
BEA Number: 34  
District: Grand Rapids  
Date Received: 11/29/1995  
Submitter Name: Fred High  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

Actual:  
613 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**D21**  
**SE**  
**1/8-1/4**  
**0.225 mi.**  
**1187 ft.**  
**226 PEARL STREET NW**  
**226 PEARL STREET NW**  
**GRAND RAPIDS, MI 49503**  
**Site 2 of 3 in cluster D**

**BEA** **S106174336**  
**N/A**

**Relative:** BEA:  
**Lower** Secondary Address: Not reported  
BEA Number: 1369  
**Actual:** District: Grand Rapids  
**603 ft.** Date Received: 03/03/2004  
Submitter Name: HP3 LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Same Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: vanleeuw  
Division Assigned: Environmental Response Division

**D22**  
**SE**  
**1/8-1/4**  
**0.225 mi.**  
**1187 ft.**  
**226 PEARL STREET NW**  
**226 PEARL STREET NW**  
**KENT (County), MI 49503**  
**Site 3 of 3 in cluster D**

**INVENTORY** **S114023974**  
**N/A**

**Relative:** INVENTORY:  
**Lower** Bea Number: 200401369GR  
Township: Grand Rapids  
**Actual:** District: Grand Rapids  
**603 ft.** Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**E23**  
**NW**  
**1/8-1/4**  
**0.241 mi.**  
**1270 ft.**  
**BRIDGE STREET FIRE STATION #3**  
**500 BRIDGE ST NW**  
**GRAND RAPIDS, MI 49504**  
**Site 1 of 2 in cluster E**

**UST** **U003327536**  
**N/A**

**Relative:** UST:  
**Higher** Facility ID: 00000683  
Facility Type: CLOSED  
**Actual:** Owner Name: CITY OF GRAND RAPIDS  
**613 ft.** Owner Address: 38 LA GRAVE AVE SE  
Owner City,St,Zip: GRAND RAPIDS, MI 49503-4206  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 456-3223  
Contact: MR A W CONNERS  
Contact Phone: (616) 456-3900  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BRIDGE STREET FIRE STATION #3 (Continued)**

**U003327536**

Latitude: 42.97049  
Longitude: -85.68120  
  
Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 550  
Product: Diesel  
Install Date: 04/05/1971  
Remove Date: 10/20/1993  
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

Tank ID: 2  
**Tank Status: Removed from Ground**  
Capacity: 550  
Product: Diesel  
Install Date: 04/05/1971  
Remove Date: 10/20/1993  
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

**E24  
NW  
1/8-1/4  
0.241 mi.  
1270 ft.**

**500 BRIDGE ST NW  
GRAND RAPIDS, MI 49504**

**EDR US Hist Auto Stat 1015522058  
N/A**

**Site 2 of 2 in cluster E**

**Relative:  
Higher**

EDR Historical Auto Stations:

Name: ENGINE HOUSES  
Year: 2002  
Address: 500 BRIDGE ST NW

**Actual:  
613 ft.**

Name: ENGINE HOUSES  
Year: 2003  
Address: 500 BRIDGE ST NW

**F25  
SW  
1/4-1/2  
0.257 mi.  
1357 ft.**

**505 LAKE MICHIGAN DRIVE NW  
505 LAKE MICHIGAN DRIVE NW  
KENT (County), MI 49504**

**INVENTORY S114027468  
N/A**

**Site 1 of 3 in cluster F**

**Relative:  
Higher**

INVENTORY:

Bea Number: 200301215GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA

**Actual:  
611 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**505 LAKE MICHIGAN DRIVE NW (Continued)**

**S114027468**

Latitude: Not reported  
Longitude: Not reported

**F26  
SW  
1/4-1/2  
0.257 mi.  
1357 ft.**

**ATLAS TRUCKING CO  
505 LAKE MICHIGAN DRIVE  
KENT (County), MI 49504**

**INVENTORY S114032660  
N/A**

**Site 2 of 3 in cluster F**

**Relative:  
Higher**

INVENTORY:  
Bea Number: 199700201GR  
Township: GRAND RAPIDS  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:  
611 ft.**

**F27  
SW  
1/4-1/2  
0.258 mi.  
1361 ft.**

**LC-2624 RYDER TRUCK RENTAL  
504 LAKE MICHIGAN DR  
GRAND RAPIDS, MI 77084**

**LUST U003082520  
UST N/A  
BEA**

**Site 3 of 3 in cluster F**

**Relative:  
Higher**

LUST:  
Facility ID: 00017835  
Source: STATE OF MICHIGAN  
Owner Name: Ryder Transportation Service  
Owner Address: c/o Ryder Fuel Services 16155 Park Row Suite 140  
Owner City, St, Zip: Houston, TX 77084  
Owner Contact: Compliance Dept  
Owner Phone: (281) 647-8900  
Country: USA  
District: Grand Rapids District Office  
Site Name: Ryder Truck Rental, Inc  
Latitude: 42.96587  
Longitude: -85.68135  
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:  
611 ft.**

Leak Number: C-0275-95  
Release Date: 03/08/1995  
Substance Released: Diesel  
Release Status: Closed  
Release Closed Date: 04/22/1997

Leak Number: C-4026-85  
Release Date: 10/01/1987  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 10/15/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LC-2624 RYDER TRUCK RENTAL (Continued)

U003082520

UST:

Facility ID: 00017835  
Facility Type: CLOSED  
Owner Name: RYDER TRANSPORTATION SERVICE  
Owner Address: C/O RYDER FUEL SERVICES16155 PARK ROW SUITE 140  
Owner City,St,Zip: HOUSTON, TX 77084  
Owner Country: USA  
Owner Contact: Compliance Dept  
Owner Phone: (281) 647-8900  
Contact: Steve R Lewis  
Contact Phone: (305) 593-3619  
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  
Latitude: 42.96587  
Longitude: -85.68135

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 10000  
Product: Diesel  
Install Date: 04/30/1980  
Remove Date: 09/18/1995  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel  
Impressed Device: No

Tank ID: 2  
**Tank Status: Removed from Ground**  
Capacity: 10000  
Product: Diesel  
Install Date: 04/30/1980  
Remove Date: 09/18/1995  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel  
Impressed Device: No

Tank ID: 3  
**Tank Status: Removed from Ground**  
Capacity: 4000  
Product: Used Oil  
Install Date: 04/30/1982  
Remove Date: 03/01/1991  
Tank Release Detection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LC-2624 RYDER TRUCK RENTAL (Continued)**

**U003082520**

Pipe Release Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Not reported  
Construction Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel  
Impressed Device: No

**BEA:**

Secondary Address: Not reported  
BEA Number: 259  
District: Grand Rapids  
Date Received: 09/02/1997  
Submitter Name: Grand Valley State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

**G28**  
East  
1/4-1/2  
0.264 mi.  
1392 ft.

**HEARTSIDE REDEVELOPMENT  
MULTIPLE SITES  
GRAND RAPIDS, MI**

**INVENTORY S114026254  
N/A**

**Site 1 of 4 in cluster G**

**Relative:  
Higher**

**INVENTORY:**

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96835  
Longitude: -85.6722

**Actual:  
612 ft.**

**G29**  
East  
1/4-1/2  
0.264 mi.  
1392 ft.

**UEDAP REDEVELOPMENT AREA  
MULTIPLE SITES  
KENT (County), MI**

**INVENTORY S114026253  
N/A**

**Site 2 of 4 in cluster G**

**Relative:  
Higher**

**INVENTORY:**

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96835  
Longitude: -85.6722

**Actual:  
612 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**G30**  
**East**  
**1/4-1/2**  
**0.264 mi.**  
**1392 ft.**

**MONROE AVENUE/RIVERFRONT**  
**MONROE AVENUE/RIVERFRONT**  
**GRAND RAPIDS, MI**

**INVENTORY**    **S114026262**  
                          **N/A**

**Site 3 of 4 in cluster G**

**Relative:**  
**Higher**

**INVENTORY:**  
 Bea Number:    Not reported  
 Township:       Grand Rapids  
 District:        Grand Rapids  
 Data Source:    Part 201  
 Latitude:        42.96835  
 Longitude:      -85.6722

**Actual:**  
**612 ft.**

**31**  
**East**  
**1/4-1/2**  
**0.264 mi.**  
**1396 ft.**

**CITY OF GRAND RAPIDS**  
**245 MONROE AVE NW**  
**GRAND RAPIDS, MI 49503**

**BEA**    **S104911998**  
**WDS**    **N/A**

**Relative:**  
**Higher**

**BEA:**  
 Secondary Address:    Not reported  
 BEA Number:            747  
 District:                Grand Rapids  
 Date Received:        08/04/2000  
 Submitter Name:       Grand Rapids - Kent Co. Conv. Arena Auth  
 Petition Determination: No Request  
 Petition Disclosure:    0  
 Category:                No Hazardous Substance(s)  
 Determination 20107A: No Request  
 Reviewer:                moyerr  
 Division Assigned:    Environmental Response Division

**Actual:**  
**611 ft.**

**WDS:**

Site Id:                    MID981794480  
 WMD Id:                   400256  
 Site Specific Name:      CITY OF GRAND RAPIDS GRAND CENTER  
 Mailing Address:        245 MONROE AVE NW  
 Mailing City/State/Zip: 49503  
 Mailing County:         KENT

Site Id:                    MIR000040790  
 WMD Id:                   413229  
 Site Specific Name:      FUJI PHOTO USA INC- SITE B  
 Mailing Address:        555 TAXTER ROAD  
 Mailing City/State/Zip: 10523  
 Mailing County:         Not reported

Site Id:                    MIG000028883  
 WMD Id:                   448253  
 Site Specific Name:      CITY OF GRAND RAPIDS  
 Mailing Address:        245 MONROE AVE NW  
 Mailing City/State/Zip: 49503  
 Mailing County:         KENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G32** CITY OF GRAND RAPIDS  
**East** 300 MONROE AVE NW  
**1/4-1/2** GRAND RAPIDS, MI 49503  
**0.268 mi.**  
**1416 ft.**

**AUL** S111698454  
**WDS** N/A

**Site 4 of 4 in cluster G**

**Relative:  
Higher**

AUL:

**Actual:  
612 ft.**

Status: Issued  
Site Name: Not reported  
Property: City of Grand Rapids  
Land Use Restriction Type: Ordinance  
Program Type: Part 201  
Program Support Assigned User: Nicholas Ekel  
Program Support Assigned Date: 01/18/2012  
Legal Description Of Property: Not reported  
Based On The Deq Ref #: 14120102001  
MDEQ Reference Number: ORD-RRD-201-02-001  
Property Or Description Restricted Area: Not reported  
Lead Division: RRD  
File Name Of Hyperlinked Legal Doc: U:\KERMIT\14120102001.PDF  
Mapped Polygons Area In Acres: Not reported  
Mapped Polygons Area In Square Miles: Not reported  
Date Data Entry Started: 02/07/2012  
Date Data Entry Finished: 02/07/2012  
Individual Or Staff Assoc With The Mapping: Nicholas Ekel  
Program Used To Map Restricted Features: ArcINFO 9.3 & IcoMAP 4.2  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 0  
Commercial Iv Land Use Restriction: 0  
Industrial Land Use Restriction: 0  
Residential Land Use Restriction: 0  
Recreational Land Use Restriction: 0  
Multiple Land-Use Restrictions: 0  
Site Specific Restrictions: 0  
Groundwater Consumption Restrictions: 1  
Groundwater Contact Restrictions: 0  
Special Well Construction Requirements: 0  
Special Building Restrictions: 0  
Excavation And Soil Movement Restrictions: 0  
Soil Movement Requirements: 0  
There Is A Restriction On All Construction: 0  
Monitoring Well Protected, No Tampering Or Removal: 0  
There Is An Exposure Barrier In Place: 0  
There Is A Health And Safety Plan: 0  
There Is A Permanent Marker On The Site: 0  
Map Comments: 20120118 - LRUR is NOT mapped in KERMIT - Nick Ekel  
20120207 - LRUR is mapped in KERMIT - (See Comments Tab) - Nick Ekel  
Comment: 20120207 - LRUR is mapped as a point in KERMIT to show that there is an Ordinance in place for the City of Grand Rapids - Nick Ekel

WDS:

Site Id: MID985622125  
WMD Id: 406059  
Site Specific Name: GRAND RAPIDS CITY OF  
Mailing Address: 300 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF GRAND RAPIDS (Continued)

S111698454

Site Id: MIG000035426  
WMD Id: 416050  
Site Specific Name: KENT COUNTY ADMIN  
Mailing Address: 300 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

Site Id: MIP200001059  
WMD Id: 435760  
Site Specific Name: CITY OF GRAND RAPIDS  
Mailing Address: 300 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

Site Id: MIG000045875  
WMD Id: 440527  
Site Specific Name: CITY OF GRAND RAPIDS  
Mailing Address: 300 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

Site Id: MIK595398181  
WMD Id: 473342  
Site Specific Name: CITY COUNTY COMPLEX  
Mailing Address: 300 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

H33  
NW  
1/4-1/2  
0.271 mi.  
1430 ft.

528-R BRIDGE STREET NW  
528-R BRIDGE STREET NW  
GRAND RAPIDS, MI  
Site 1 of 2 in cluster H

BEA S105966429  
N/A

Relative:  
Higher

BEA:  
Secondary Address: Not reported  
BEA Number: 1262  
District: Grand Rapids  
Date Received: 08/12/2003  
Submitter Name: WMCF I Support, Inc.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

Actual:  
614 ft.

Secondary Address: Not reported  
BEA Number: 1263  
District: Grand Rapids  
Date Received: 08/12/2003  
Submitter Name: Edward DeVries  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**528-R BRIDGE STREET NW (Continued)**

**S105966429**

Secondary Address: Not reported  
BEA Number: 1264  
District: Grand Rapids  
Date Received: 08/12/2003  
Submitter Name: Robert DeVries  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1210  
District: Grand Rapids  
Date Received: 06/02/2003  
Submitter Name: Downtown Development Authority of the  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

**34  
ENE  
1/4-1/2  
0.271 mi.  
1433 ft.**

**HALL OF JUSTICE  
333 MONROE AVE NW  
GRAND RAPIDS, MI 49503**

**LUST U003329630  
UST N/A  
BEA**

**Relative:  
Higher**

LUST:

Facility ID: 00039318  
Source: STATE OF MICHIGAN  
Owner Name: Grand Rapids-Kent County Convention Arena Authority  
Owner Address: 245 MONROE NW  
Owner City,St,Zip: Conklin, MI 49403  
Owner Contact: Not reported  
Owner Phone: 616-451-9540  
Country: USA  
District: Grand Rapids District Office  
Site Name: Hall Of Justice  
Latitude: 42.96946  
Longitude: -85.67243  
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:  
612 ft.**

Leak Number: C-0954-98  
Release Date: 10/05/1998  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 01/11/2000

UST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HALL OF JUSTICE (Continued)

U003329630

Facility ID: 00039318  
Facility Type: CLOSED  
Owner Name: GRAND RAPIDS-KENT COUNTY CONVENTION ARENA AUTHORITY  
Owner Address: 245 MONROE NW  
Owner City,St,Zip: CONKLIN, MI 49403  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: 616-451-9540  
Contact: DALE SOMMERS  
Contact Phone: 616-451-9540  
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  
Latitude: 42.96946  
Longitude: -85.67243

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 2000  
Product: Diesel  
Install Date: Not reported  
Remove Date: 09/25/1998  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Copper  
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  
Product: UNKOWN  
Install Date: 01/01/1986  
Remove Date: 11/16/2001  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Construction Material: Not reported  
Impressed Device: No

BEA:

Secondary Address: Not reported  
BEA Number: 748  
District: Grand Rapids  
Date Received: 08/04/2000  
Submitter Name: Grand Rapids - Kent Co Conv. Arena Auth.  
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

**HALL OF JUSTICE (Continued)**

**U003329630**

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

Secondary Address: Not reported  
BEA Number: 749  
District: Grand Rapids  
Date Received: 08/04/2000  
Submitter Name: Grand Rapids - Kent Co. Conv. Arena Auth  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

**H35**  
**NW**  
**1/4-1/2**  
**0.271 mi.**  
**1433 ft.**

**527 BRIDGE STREET NW**  
**527 BRIDGE STREET NW**  
**KENT (County), MI 49504**  
**Site 2 of 2 in cluster H**

**INVENTORY S114027714**  
**N/A**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201303539GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**614 ft.**

**I36**  
**ESE**  
**1/4-1/2**  
**0.273 mi.**  
**1444 ft.**

**201 MONROE AVENUE NW**  
**201 MONROE AVENUE NW**  
**KENT (County), MI 49503**  
**Site 1 of 6 in cluster I**

**INVENTORY S114023625**  
**N/A**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 200802297GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**611 ft.**

**I37**  
**ESE**  
**1/4-1/2**  
**0.273 mi.**  
**1444 ft.**

**201 MONROE AVENUE NW**  
**201 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**  
**Site 2 of 6 in cluster I**

**BEA S109094065**  
**N/A**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 2297  
District: Grand Rapids  
Date Received: 05/16/2008

**Actual:**  
**611 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**201 MONROE AVENUE NW (Continued)**

**S109094065**

Submitter Name: 201 Monroe Avenue LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**I38**  
**ESE**  
**1/4-1/2**  
**0.283 mi.**  
**1495 ft.**

**190 MONROE AVENUE NW, 6TH FLOOR**  
**190 MONROE AVENUE NW, 6TH FLOOR**  
**GRAND RAPIDS, MI 49503**

**BEA S112241379**  
**N/A**

**Site 3 of 6 in cluster I**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 3290  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: BFC-GRO LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: stringed  
Division Assigned: Environmental Response Division

**Actual:**  
**612 ft.**

Secondary Address: Not reported  
BEA Number: 3291  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: Blackford Capital LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: stringed  
Division Assigned: Environmental Response Division

**I39**  
**ESE**  
**1/4-1/2**  
**0.283 mi.**  
**1495 ft.**

**190 MONROE AVENUE NW, UNIT 2**  
**190 MONROE AVENUE NW, UNIT 2**  
**KENT (County), MI 49503**

**INVENTORY S114023406**  
**N/A**

**Site 4 of 6 in cluster I**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 200802402GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**612 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**I40**  
**ESE**  
**1/4-1/2**  
**0.283 mi.**  
**1495 ft.**

**190 MONROE AVENUE NW, 6TH FLOOR**  
**190 MONROE AVENUE NW, 6TH FLOOR**  
**KENT (County), MI 49503**

**INVENTORY S114023405**  
**N/A**

**Site 5 of 6 in cluster I**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 201203290GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**612 ft.**

Bea Number: 201203291GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**I41**  
**ESE**  
**1/4-1/2**  
**0.283 mi.**  
**1495 ft.**

**190 MONROE AVENUE NW**  
**190 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY S114023407**  
**N/A**

**Site 6 of 6 in cluster I**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 200902499GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**612 ft.**

**J42**  
**WNW**  
**1/4-1/2**  
**0.285 mi.**  
**1504 ft.**

**600 DOUGLAS STREET NW**  
**600 DOUGLAS STREET NW**  
**GRAND RAPIDS, MI 49504**

**INVENTORY S112241421**  
**BEA N/A**

**Site 1 of 2 in cluster J**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**613 ft.**

BEA:  
Secondary Address: Not reported  
BEA Number: 3314  
District: Grand Rapids  
Date Received: 11/09/2012  
Submitter Name: 600 Douglas LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**600 DOUGLAS STREET NW (Continued)**

**S112241421**

Determination 20107A: No Request  
 Reviewer: pawlosj2  
 Division Assigned: Environmental Response Division

**J43**  
**WNW**  
 1/4-1/2  
 0.285 mi.  
 1504 ft.

**600 DOUGLAS STREET NW**  
**600 DOUGLAS STREET NW**  
**KENT (County), MI 49504**

**INVENTORY** **S114028088**  
**N/A**

**Site 2 of 2 in cluster J**

**Relative:**  
**Higher**

INVENTORY:  
 Bea Number: 201203314GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:**  
**613 ft.**

**K44**  
**ENE**  
 1/4-1/2  
 0.286 mi.  
 1511 ft.

**USPS - GR D & DC**  
**225 MICHIGAN ST NW**  
**GRAND RAPIDS, MI 49501**

**LUST** **U003867517**  
**UST** **N/A**  
**WDS**

**Site 1 of 3 in cluster K**

**Relative:**  
**Higher**

LUST:  
 Facility ID: 00017140  
 Source: STATE OF MICHIGAN  
 Owner Name: Usps  
 Owner Address: 225 Michigan St NW  
 Owner City,St,Zip: Grand Rapids, MI 49501-9998  
 Owner Contact: Not reported  
 Owner Phone: (616) 776-1421  
 Country: USA  
 District: Grand Rapids District Office  
 Site Name: US Postal Service  
 Latitude: 42.97034  
 Longitude: -85.67275  
 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-0811-97  
 Release Date: 09/08/1997  
 Substance Released: Diesel  
 Release Status: Closed  
 Release Closed Date: 06/11/1999

**Actual:**  
**613 ft.**

UST:

Facility ID: 00017140  
 Facility Type: CLOSED  
 Owner Name: USPS  
 Owner Address: 225 MICHIGAN ST NW  
 Owner City,St,Zip: GRAND RAPIDS, MI 49501-9998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

USPS - GR D & DC (Continued)

U003867517

Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 776-1421  
Contact: DIANE MELVIN  
Contact Phone: (616) 776-1421  
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  
Latitude: 42.97034  
Longitude: -85.67275

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 12000  
Product: Gasoline  
Install Date: 01/26/1989  
Remove Date: 02/16/1999  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Double Walled,Fiberglass reinforced plastic  
Piping Type: Suction: Valve at Tank  
Construction Material: Double Walled,Fiberglass Reinforced plastic  
Impressed Device: No

Tank ID: 2  
**Tank Status: Removed from Ground**  
Capacity: 12000  
Product: Diesel  
Install Date: 01/26/1989  
Remove Date: 02/16/1999  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Double Walled,Fiberglass reinforced plastic  
Piping Type: Suction: Valve at Tank  
Construction Material: Double Walled,Fiberglass Reinforced plastic  
Impressed Device: No

WDS:

Site Id: MI0000149468  
WMD Id: 390687  
Site Specific Name: US POSTAL SERVICE GRAND RAPIDS P&DC  
Mailing Address: PO BOX 995400  
Mailing City/State/Zip: 49599  
Mailing County: KENT

MAP FINDINGS

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

<b>L45</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.293 mi.</b> <b>1545 ft.</b>	<b>190 MONROE AVENUE NW</b> <b>190 MONROE AVENUE NW</b> <b>GRAND RAPIDS, MI 49503</b>  <b>Site 1 of 2 in cluster L</b>	<b>BEA</b>	<b>S109569476</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>BEA:</b>	Secondary Address: Not reported BEA Number: 2499 District: Grand Rapids Date Received: 05/28/2009 Submitter Name: 190 Monroe Fifth Floor LLC Petition Determination: No Request Petition Disclosure: 0 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: wierzbid Division Assigned: Environmental Response Division
<b>Actual:</b> <b>613 ft.</b>		

<b>L46</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.293 mi.</b> <b>1545 ft.</b>	<b>190 MONROE AVENUE NW, UNIT 2</b> <b>190 MONROE AVENUE NW, UNIT 2</b> <b>GRAND RAPIDS, MI 49503</b>  <b>Site 2 of 2 in cluster L</b>	<b>BEA</b>	<b>S109416579</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>BEA:</b>	Secondary Address: Not reported BEA Number: 2402 District: Grand Rapids Date Received: 12/10/2008 Submitter Name: Stevens Development LLC Petition Determination: Affirmed Petition Disclosure: 1 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: pawlosj2 Division Assigned: Environmental Response Division
<b>Actual:</b> <b>613 ft.</b>		

<b>M47</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.294 mi.</b> <b>1551 ft.</b>	<b>180 MONROE AVENUE NW</b> <b>180 MONROE AVENUE NW</b> <b>GRAND RAPIDS, MI 49503</b>  <b>Site 1 of 2 in cluster M</b>	<b>BEA</b>	<b>S111120893</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>BEA:</b>	Secondary Address: Not reported BEA Number: 2973 District: Grand Rapids Date Received: 06/30/2011 Submitter Name: CWD 180 Monroe LLC Petition Determination: No Request Petition Disclosure: 0 Category: Not reported Determination 20107A: No Request Reviewer: odonneld Division Assigned: Environmental Response Division
<b>Actual:</b> <b>612 ft.</b>		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**M48**  
**ESE**  
**1/4-1/2**  
**0.294 mi.**  
**1551 ft.**

**180 MONROE AVENUE NW**  
**180 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY**    **S114023312**  
                          **N/A**

**Site 2 of 2 in cluster M**

**Relative:**  
**Higher**

**INVENTORY:**  
 Bea Number:    201102973GR  
 Township:        Grand Rapids  
 District:         Grand Rapids  
 Data Source:    BEA  
 Latitude:         Not reported  
 Longitude:       Not reported

**Actual:**  
**612 ft.**

**K49**  
**ENE**  
**1/4-1/2**  
**0.296 mi.**  
**1562 ft.**

**201 MICHIGAN STREET NW**  
**201 MICHIGAN STREET NW**  
**GRAND RAPIDS, MI 49503**

**LUST**    **S105768486**  
          **BEA**    **N/A**  
          **WDS**

**Site 2 of 3 in cluster K**

**Relative:**  
**Higher**

**LUST:**  
 Facility ID:        50000318  
 Source:            STATE OF MICHIGAN  
 Owner Name:       Nrt Owner  
 Owner Address:    Unknown  
 Owner City,St,Zip: Unknown, MI 99999  
 Owner Contact:    Not reported  
 Owner Phone:      Not reported  
 Country:           USA  
 District:           Grand Rapids District Office  
 Site Name:          Olds Manor  
 Latitude:           42.97034  
 Longitude:          -85.67246  
 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-0168-90  
 Release Date:        01/25/1990  
 Substance Released: Not reported  
 Release Status:      Open  
 Release Closed Date: Not reported

**Actual:**  
**614 ft.**

**BEA:**  
 Secondary Address: Not reported  
 BEA Number:        963  
 District:            Grand Rapids  
 Date Received:     11/15/2001  
 Submitter Name:    One Main Street, LLC  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category:           No Hazardous Substance(s)  
 Determination 20107A: No Request  
 Reviewer:           henderas  
 Division Assigned: Environmental Response Division

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**201 MICHIGAN STREET NW (Continued)**

**S105768486**

Secondary Address: Not reported  
BEA Number: 1145  
District: Grand Rapids  
Date Received: 02/11/2003  
Submitter Name: OMH, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

WDS:

Site Id: MIG000023410  
WMD Id: 417025  
Site Specific Name: OLDS MANOR  
Mailing Address: 201 MICHIGAN ST NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

**K50**  
**ENE**  
**1/4-1/2**  
**0.296 mi.**  
**1562 ft.**

**201 MICHIGAN STREET NW**  
**201 MICHIGAN STREET NW**  
**KENT (County), MI 49503**

**INVENTORY S114023624**  
**N/A**

**Site 3 of 3 in cluster K**

**Relative:**  
**Higher**

INVENTORY:

Bea Number: 200100963GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**614 ft.**

**N51**  
**SE**  
**1/4-1/2**  
**0.297 mi.**  
**1567 ft.**

**85 CAMPAU AVENUE NW**  
**85 CAMPAU AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA S107466570**  
**N/A**

**Site 1 of 2 in cluster N**

**Relative:**  
**Lower**

BEA:

Secondary Address: Not reported  
BEA Number: 1714  
District: Grand Rapids  
Date Received: 10/26/2005  
Submitter Name: HP3 LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: heytg  
Division Assigned: Environmental Response Division

**Actual:**  
**602 ft.**

MAP FINDINGS

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

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<b>N52</b> <b>SE</b> <b>1/4-1/2</b> <b>0.297 mi.</b> <b>1567 ft.</b>	<b>85 CAMPAU AVENUE NW</b> <b>85 CAMPAU AVENUE NW</b> <b>KENT (County), MI 49503</b>  <b>Site 2 of 2 in cluster N</b>	<b>INVENTORY</b>	<b>S114031966</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	<b>INVENTORY:</b> Bea Number: 200501714GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
<b>Actual:</b> <b>602 ft.</b>	

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<b>53</b> <b>SSW</b> <b>1/4-1/2</b> <b>0.314 mi.</b> <b>1660 ft.</b>	<b>MT. VERNON FOUNDRY</b> <b>15 MT. VERNON AVENUE NW</b> <b>GRAND RAPIDS, MI 49504</b>	<b>PART 201</b> <b>DEL PART 201</b>	<b>S105144237</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>PART 201:</b> Facility ID: 41000490 <b>Facility Status: Delisted - no longer meets criteria specified in rules</b> Source: Primary Metal Products SAM Score: 34 SAM Score Date: 07/28/1992 Township: 07N Range: 12W Section: 25 Quarter: NW Quarter/Quarter: SE Pollutants: Ba; Cu; Pb; Zn; PNAs
<b>Actual:</b> <b>618 ft.</b>	

<b>DEL_PART201:</b>	Facility ID: 41000490 Status: Delisted - no longer meets criteria specified in rules
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<b>O54</b> <b>NE</b> <b>1/4-1/2</b> <b>0.315 mi.</b> <b>1663 ft.</b>	<b>432 MONROE AVENUE NW</b> <b>432 MONROE AVENUE NW</b> <b>GRAND RAPIDS, MI 49503</b>  <b>Site 1 of 2 in cluster O</b>	<b>BEA</b>	<b>S112241411</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>BEA:</b> Secondary Address: Not reported BEA Number: 3293 District: Grand Rapids Date Received: 10/09/2012 Submitter Name: Michigan State University Petition Determination: No Request Petition Disclosure: 0 Category: Not reported Determination 20107A: No Request Reviewer: odonneld Division Assigned: Environmental Response Division
<b>Actual:</b> <b>621 ft.</b>	

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**O55**  
**NE**  
**1/4-1/2**  
**0.315 mi.**  
**1663 ft.**

**432 MONROE AVENUE NW**  
**432 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY**    **S114026522**  
**N/A**

**Site 2 of 2 in cluster O**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 201203293GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**621 ft.**

**56**  
**WNW**  
**1/4-1/2**  
**0.318 mi.**  
**1678 ft.**

**UNITED BANK PROPERTIES**  
**601, 603, 605, AND 613 BRIDGE ST., 414 AND 420 LEXINGTON AVE**  
**GRAND RAPIDS, MI 49504**

**US BROWNFIELDS**    **1012296226**  
**N/A**

**Relative:**  
**Higher**

US BROWNFIELDS:  
Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: UNITED BANK PROPERTIES  
Property #: Not reported  
Parcel size: 1  
Property Description: The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was vacant.

**Actual:**  
**614 ft.**

Latitude: 42.97072  
Longitude: -85.682816  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102901  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 24101  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 250000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Increment Financing  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

1012296226

Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: .5  
Future use commercial acreage: .5  
Future use industrial acreage: Not reported  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: Not reported  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: UNITED BANK PROPERTIES  
Property #: Not reported  
Parcel size: 1  
Property Description: The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

vacant.  
Latitude: 42.97072  
Longitude: -85.682816  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102901  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 3000  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 250000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Increment Financing  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 00E60701  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Y  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

1012296226

Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	.5
Future use commercial acreage:	.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Unknown media cleaned up: Past Use: Multistory  Recipient name: Grant type: Property name: Property #: Parcel size: Property Description:  Latitude: Longitude: HCM label: Map scale: Point of reference: Datum: ACRES property ID: Start date: Completed date: Acres cleaned up: Cleanup funding: Cleanup funding source: Assessment funding: Assessment funding source: Redevelopment funding: Redev. funding source: Redev. funding entity name: Redevelopment start date: Assessment funding entity: Cleanup funding entity: Grant type: Accomplishment type: Accomplishment count: Cooperative agreement #: Ownership entity: Current owner: Did owner change: Cleanup required: Video available: Photo available: Institutional controls required: IC Category proprietary controls: IC cat. info. devices: IC cat. gov. controls: IC cat. enforcement permit tools:	Not reported Not reported  Grand Rapids, City of Assessment UNITED BANK PROPERTIES Not reported 1 The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was vacant.  42.97072 -85.682816 Address Matching-House Number Not reported Center of a Facility or Station North American Datum of 1983 102901 Not reported Not reported Not reported Not reported Not reported 3000 US EPA - Brownfields Assessment Cooperative Agreement 500000 Private/Other Funding Developer Not reported EPA Not reported H Phase I Environmental Assessment 1 00E60701 Not reported Not reported N Yes No Yes N Not reported Not reported Not reported Not reported
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Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

1012296226

IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	.5
Future use commercial acreage:	.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Pesticides cleaned up: Not reported  
 Selenium cleaned up: Not reported  
 SVOCs cleaned up: Not reported  
 Unknown clean up: Not reported  
 Arsenic contaminant found: Not reported  
 Cadmium contaminant found: Not reported  
 Chromium contaminant found: Not reported  
 Copper contaminant found: Not reported  
 Iron contaminant found: Not reported  
 Mercury contaminant found: Not reported  
 Nickel contaminant found: Not reported  
 No contaminant found: Not reported  
 Pesticides contaminant found: Not reported  
 Selenium contaminant found: Not reported  
 SVOCs contaminant found: Not reported  
 Unknown contaminant found: Not reported  
 Future Use: Multistory Not reported  
 Media affected Bluiding Material: Not reported  
 Media affected indoor air: Not reported  
 Building material media cleaned up: Not reported  
 Indoor air media cleaned up: Not reported  
 Unknown media cleaned up: Not reported  
 Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
 Grant type: Assessment  
 Property name: UNITED BANK PROPERTIES  
 Property #: Not reported  
 Parcel size: 1  
 Property Description:

The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was vacant.

Latitude: 42.97072  
 Longitude: -85.682816  
 HCM label: Address Matching-House Number  
 Map scale: Not reported  
 Point of reference: Center of a Facility or Station  
 Datum: North American Datum of 1983  
 ACRES property ID: 102901  
 Start date: Not reported  
 Completed date: Not reported  
 Acres cleaned up: Not reported  
 Cleanup funding: Not reported  
 Cleanup funding source: Not reported  
 Assessment funding: 24101  
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

1012296226

Redevelopment funding: 500000  
Redev. funding source: Private/Other Funding  
Redev. funding entity name: Developer  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase II Environmental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60701  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Y  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y  
Other metals cleaned: Not reported  
Other contaminants found: Not reported  
Other contams found description: Not reported  
PAHs found: Y  
PAHs cleaned up: Not reported  
PCBs found: Not reported  
PCBs cleaned up: Not reported  
Petro products found: Not reported  
Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Y

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

VOCs cleaned: Not reported  
 Cleanup other description: Not reported  
 Num. of cleanup and re-dev. jobs: 50  
 Past use greenspace acreage: Not reported  
 Past use residential acreage: Not reported  
 Past use commercial acreage: Not reported  
 Past use industrial acreage: Not reported  
 Future use greenspace acreage: Not reported  
 Future use residential acreage: .5  
 Future use commercial acreage: .5  
 Future use industrial acreage: Not reported  
 Greenspace acreage and type: Not reported  
 Superfund Fed. landowner flag: Not reported  
 Arsenic cleaned up: Not reported  
 Cadmium cleaned up: Not reported  
 Chromium cleaned up: Not reported  
 Copper cleaned up: Not reported  
 Iron cleaned up: Not reported  
 mercury cleaned up: Not reported  
 nickel cleaned up: Not reported  
 No clean up: Not reported  
 Pesticides cleaned up: Not reported  
 Selenium cleaned up: Not reported  
 SVOCs cleaned up: Not reported  
 Unknown clean up: Not reported  
 Arsenic contaminant found: Not reported  
 Cadmium contaminant found: Not reported  
 Chromium contaminant found: Not reported  
 Copper contaminant found: Not reported  
 Iron contaminant found: Not reported  
 Mercury contaminant found: Not reported  
 Nickel contaminant found: Not reported  
 No contaminant found: Not reported  
 Pesticides contaminant found: Not reported  
 Selenium contaminant found: Not reported  
 SVOCs contaminant found: Not reported  
 Unknown contaminant found: Not reported  
 Future Use: Multistory Not reported  
 Media affected Bluiding Material: Not reported  
 Media affected indoor air: Not reported  
 Building material media cleaned up: Not reported  
 Indoor air media cleaned up: Not reported  
 Unknown media cleaned up: Not reported  
 Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
 Grant type: Assessment  
 Property name: UNITED BANK PROPERTIES  
 Property #: Not reported  
 Parcel size: 1  
 Property Description: The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was vacant.

Latitude: 42.97072  
Longitude: -85.682816  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102901  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 12337  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 250000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Increment Financing  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Supplemental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60701  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Y  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

1012296226

Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	.5
Future use commercial acreage:	.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	UNITED BANK PROPERTIES
Property #:	Not reported
Parcel size:	1
Property Description:	The Property was utilized for residential and commercial purposes from at least 1888 to 2008. In addition to miscellaneous retail establishments, Lexington Avenue parcels were occupied by a gasoline filling station and garage (at least 1923-1928), and then later a tool grinding and repair shop (at least 1958-1973). According to street directory records, a dry cleaner occupied spaces at 613 and/or 615 Bridge Street from 1923 to 1938. According to street directory records, Resistance Welder Service Company was located at 419 Seward Avenue NW in 1988. Residences and buildings were demolished at the Lexington Avenue and Seward Avenue parcels in 2004, and the resulting land was left vacant. United Bank of Michigan acquired the Property in 2007 and 2008, and continued to lease Bridge Street parcels to various businesses and residents. By June 2009, the Property was vacant.
Latitude:	42.97072
Longitude:	-85.682816
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102901
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	12337
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	500000
Redev. funding source:	Private/Other Funding
Redev. funding entity name:	Developer
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Supplemental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Yes
Video available:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	.5
Future use commercial acreage:	.5
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**UNITED BANK PROPERTIES (Continued)**

**1012296226**

Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

**P57**  
**WNW**  
 1/4-1/2  
 0.319 mi.  
 1683 ft.

**617 DOUGLAS STREET NW**  
**617 DOUGLAS STREET NW**  
**KENT (County), MI 49504**

**INVENTORY S114028343**  
**N/A**

**Site 1 of 2 in cluster P**

**Relative:**  
**Higher**

INVENTORY:  
 Bea Number: 200802365GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:**  
**613 ft.**

**P58**  
**WNW**  
 1/4-1/2  
 0.319 mi.  
 1683 ft.

**617 DOUGLAS STREET NW**  
**617 DOUGLAS STREET NW**  
**GRAND RAPIDS, MI 49504**

**BEA S109171390**  
**N/A**

**Site 2 of 2 in cluster P**

**Relative:**  
**Higher**

BEA:  
 Secondary Address: Not reported  
 BEA Number: 2365  
 District: Grand Rapids  
 Date Received: 09/10/2008  
 Submitter Name: Mercantile Bank

**Actual:**  
**613 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**617 DOUGLAS STREET NW (Continued)**

**S109171390**

Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**Q59**  
**WNW**  
**1/4-1/2**  
**0.349 mi.**  
**1842 ft.**

**617 BRIDGE STREET NW**  
**617 BRIDGE STREET NW**  
**KENT (County), MI 49504**

**INVENTORY S116710655**  
**N/A**

**Site 1 of 2 in cluster Q**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201403755GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**614 ft.**

**R60**  
**NW**  
**1/4-1/2**  
**0.364 mi.**  
**1924 ft.**

**1ST STREET N.W., 601**  
**601 1ST STREET NW**  
**GRAND RAPIDS, MI 49504**

**INVENTORY S114026282**  
**N/A**

**Site 1 of 2 in cluster R**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.97214  
Longitude: -85.68274

**Actual:**  
**617 ft.**

**61**  
**NW**  
**1/4-1/2**  
**0.366 mi.**  
**1935 ft.**

**500 & 502 2ND STREET NW**  
**500 & 502 2ND STREET NW**  
**GRAND RAPIDS, MI**

**INVENTORY S109569498**  
**BEA N/A**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.97251  
Longitude: -85.68198

**Actual:**  
**619 ft.**

**BEA:**

Secondary Address: Not reported  
BEA Number: 2490  
District: Grand Rapids  
Date Received: 05/14/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**500 & 502 2ND STREET NW (Continued)**

**S109569498**

Submitter Name: 1 to 3.org LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**S62**  
**SSW**  
**1/4-1/2**  
**0.369 mi.**  
**1948 ft.**

**ADMIRAL PETROLEUM CO #94**  
**346 FULTON ST W**  
**GRAND RAPIDS, MI 49504**

**INVENTORY** **U003867082**  
**LUST** **N/A**  
**UST**

**Site 1 of 3 in cluster S**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 213  
Latitude: 42.96315  
Longitude: -85.67848

**Actual:**  
**619 ft.**

**LUST:**

Facility ID: 00011848  
Source: STATE OF MICHIGAN  
Owner Name: Admiral Petroleum Co  
Owner Address: 785 W Randall St  
Owner City,St,Zip: Coopersville, MI 49404  
Owner Contact: Not reported  
Owner Phone: (616) 837-6218  
Country: USA  
District: Grand Rapids District Office  
Site Name: United #6267  
Latitude: 42.96314  
Longitude: -85.67847  
Date of Collection: 01/12/1998  
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-1031-98  
Release Date: 11/04/1998  
Substance Released: Unknown,Unknown  
Release Status: Closed  
Release Closed Date: 03/25/2003

**UST:**

Facility ID: 00011848  
Facility Type: CLOSED  
Owner Name: ADMIRAL PETROLEUM CO  
Owner Address: 785 W RANDALL ST  
Owner City,St,Zip: COOPERSVILLE, MI 49404  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 837-6218

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADMIRAL PETROLEUM CO #94 (Continued)**

**U003867082**

Contact: Eric Kumber  
Contact Phone: (616) 554-3210  
Date of Collection: 01/12/1998  
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  
Latitude: 42.96314  
Longitude: -85.67847

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 15000  
Product: Gasoline  
Install Date: 10/01/1998  
Remove Date: 07/13/2012  
Tank Release Detection: Automatic Tank Gauging,Inventory Control  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Construction Material: Fiberglass Reinforced plastic  
Impressed Device: No

Tank ID: 2  
**Tank Status: Removed from Ground**  
Capacity: 10000  
Product: Gasoline  
Install Date: 10/01/1998  
Remove Date: 07/15/2012  
Tank Release Detection: Automatic Tank Gauging,Inventory Control  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Fiberglass reinforced plastic  
Piping Type: Pressure  
Construction Material: Fiberglass Reinforced plastic  
Impressed Device: No

Tank ID: A  
**Tank Status: Removed from Ground**  
Capacity: 6000  
Product: Gasoline  
Install Date: 05/01/1983  
Remove Date: 10/01/1998  
Tank Release Detection: Inventory Control,Manual Tank Gauging  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: B  
**Tank Status: Removed from Ground**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ADMIRAL PETROLEUM CO #94 (Continued)

U003867082

Capacity: 6000  
Product: Gasoline  
Install Date: 05/01/1983  
Remove Date: 10/21/1998  
Tank Release Detection: Inventory Control,Manual Tank Gauging  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: C  
**Tank Status: Removed from Ground**  
Capacity: 6000  
Product: Gasoline  
Install Date: 04/30/1962  
Remove Date: 10/21/1998  
Tank Release Detection: Inventory Control,Manual Tank Gauging  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: D  
**Tank Status: Removed from Ground**  
Capacity: 6000  
Product: Gasoline  
Install Date: 04/30/1962  
Remove Date: 10/21/1998  
Tank Release Detection: Inventory Control,Manual Tank Gauging  
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing  
Piping Material: Galvanized Steel  
Piping Type: Pressure  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

S63  
SSW  
1/4-1/2  
0.369 mi.  
1948 ft.

346 FULTON STREET WEST  
346 FULTON STREET WEST  
GRAND RAPIDS, MI  
Site 2 of 3 in cluster S

BEA S104912151  
N/A

Relative:  
Higher

BEA:  
Secondary Address: Not reported  
BEA Number: 828  
District: Grand Rapids  
Date Received: 01/24/2001  
Submitter Name: Admiral Petroleum  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Same Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: colons  
Division Assigned: Storage Tank Division

Actual:  
619 ft.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**S64**  
**SSW**  
**1/4-1/2**  
**0.369 mi.**  
**1948 ft.**

**346 WEST FULTON STREET**  
**346 WEST FULTON STREET**  
**GRAND RAPIDS, MI 49504**

**Site 3 of 3 in cluster S**

**AUL S109278390**  
**BEA N/A**

**Relative:**  
**Higher**

AUL:

**Actual:**  
**619 ft.**

Status: Recorded  
 Site Name: Not reported  
 Property: United Station #6267 (Former)  
 Land Use Restriction Type: RC  
 Program Type: Part 213  
 Program Support Assigned User: Nicholas Swartz  
 Program Support Assigned Date: 04/22/2009  
 Legal Description Of Property: Migrated  
 Based On The Deq Ref #: 11121304426  
 MDEQ Reference Number: RC-RRD-213-04-426  
 Property Or Description Restricted Area: United Station #6267 (former)  
 Lead Division: STD  
 File Name Of Hyperlinked Legal Doc: U:\KERMIT\11121304426.pdf  
 Mapped Polygons Area In Acres: 0.26269999999999999  
 Mapped Polygons Area In Square Miles: 4.0000000000000002E-4  
 Date Data Entry Started: 04/22/2009  
 Date Data Entry Finished: 04/22/2009  
 Individual Or Staff Assoc With The Mapping: Nicholas Swartz  
 Program Used To Map Restricted Features: ArcInfo 9.3 and IcoMap 4.2  
 Date Legal Paperwork Stamped/Filed/Register Of Deeds: 06/05/2002  
 Commercial I Land Use Restriction: 0  
 Commercial Ii Land Use Restriction: 0  
 Commercial Iii Land Use Restriction: 1  
 Commercial Iv Land Use Restriction: 1  
 Industrial Land Use Restriction: 0  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 1  
 Groundwater Consumption Restrictions: 1  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 1  
 Excavation And Soil Movement Restrictions: 1  
 Soil Movement Requirements: 1  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 0  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0

Map Comments: Property polygon is NOT mapped in KERMIT as of 10/09/2008.LUR is mapped in KERMIT as of 20090422 - Nick Swartz  
 Comment: Request received on 7/6/2004 for recorded RC. 4/26/2008, District send map and confirmed legal description is correct. 8/13/08, Linda scanned to prep for plotting and linking PDF version.

BEA:

Secondary Address: Not reported  
 BEA Number: 3332  
 District: Grand Rapids  
 Date Received: 12/06/2012  
 Submitter Name: Grand Valley State University

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**346 WEST FULTON STREET (Continued)**

**S109278390**

Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: colesb  
Division Assigned: Storage Tank Division

**Q65**  
**WNW**  
**1/4-1/2**  
**0.370 mi.**  
**1952 ft.**

**401 STOCKING AVENUE NW**  
**401 STOCKING AVENUE NW**  
**KENT (County), MI 49504**

**INVENTORY S114564874**  
**N/A**

**Site 2 of 2 in cluster Q**

**Relative:**  
**Higher**

**INVENTORY:**

Bea Number: 201303588GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**614 ft.**

Bea Number: 201403732GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Bea Number: 201403669GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**R66**  
**NW**  
**1/4-1/2**  
**0.374 mi.**  
**1974 ft.**

**601, 614 1ST ST/520 2ND ST/501 ALABAMA**  
**601 & 614 1ST ST, 520 2ND ST NW & 501 ALABAMA AVENUE NW**  
**KENT (County), MI**

**INVENTORY S114026283**  
**N/A**

**Site 2 of 2 in cluster R**

**Relative:**  
**Higher**

**INVENTORY:**

Bea Number: 201002680GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: 42.97214  
Longitude: -85.68274

**Actual:**  
**617 ft.**

MAP FINDINGS

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

<b>67</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.378 mi.</b> <b>1994 ft.</b>	<b>200-300 OTTAWA N. W. (DEEP CREEK HOLDING</b> <b>200-300 OTTAWA AVENUE N. W.</b> <b>GRAND RAPIDS, MI</b>	<b>BEA</b>	<b>S104911407</b> <b>N/A</b>
--	--	------------	---------------------------------

<b>Relative:</b> <b>Higher</b>	BEA: Secondary Address: Not reported BEA Number: 454 District: Grand Rapids Date Received: 09/17/1998 Submitter Name: Deep Creek Holdings, L.L.C. Petition Determination: Affirmed Petition Disclosure: 1 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: stringed Division Assigned: Environmental Response Division
<b>Actual:</b> <b>623 ft.</b>	

<b>68</b> <b>SE</b> <b>1/4-1/2</b> <b>0.384 mi.</b> <b>2025 ft.</b>	<b>50 MONROE AVENUE NW</b> <b>50 MONROE AVENUE NW</b> <b>KENT (County), MI 49503</b>	<b>INVENTORY</b>	<b>S114026831</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	INVENTORY: Bea Number: 200501717GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
<b>Actual:</b> <b>606 ft.</b>	

	Bea Number: 201203147GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
--	--

	Bea Number: 201203161GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
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<b>T69</b> <b>ENE</b> <b>1/4-1/2</b> <b>0.384 mi.</b> <b>2025 ft.</b>	<b>155 MICHIGAN STREET NW</b> <b>155 MICHIGAN STREET NW</b> <b>KENT (County), MI 49503</b>	<b>INVENTORY</b>	<b>S114023087</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	INVENTORY: Bea Number: 201203292GR Township: Grand Rapids District: Grand Rapids Data Source: BEA
<b>Actual:</b> <b>629 ft.</b>	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

155 MICHIGAN STREET NW (Continued)

S114023087

Latitude: Not reported  
Longitude: Not reported

T70  
ENE  
1/4-1/2  
0.384 mi.  
2025 ft.

**THE GRAND RAPIDS PRESS**  
**155 MICHIGAN ST NW**  
**GRAND RAPIDS, MI 49503**  
**Site 2 of 2 in cluster T**

**LUST** U000256998  
**UST** N/A  
**AST**  
**BEA**  
**WDS**

Relative:  
Higher

LUST:  
Facility ID: 00001740  
Source: STATE OF MICHIGAN  
Owner Name: The Grand Rapids Press  
Owner Address: 155 Michigan St NW  
Owner City,St,Zip: Grand Rapids, MI 49503-2302  
Owner Contact: Not reported  
Owner Phone: (616) 459-1400  
Country: USA  
District: Grand Rapids District Office  
Site Name: The Grand Rapids Press  
Latitude: 42.97031  
Longitude: -85.67054  
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:  
629 ft.

Leak Number: C-0560-96  
Release Date: 08/05/1996  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 04/01/1997

Leak Number: C-0661-96  
Release Date: 09/03/1996  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 02/28/1997

UST:  
Facility ID: 00001740  
Facility Type: CLOSED  
Owner Name: THE GRAND RAPIDS PRESS  
Owner Address: 155 MICHIGAN ST NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49503-2302  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 459-1400  
Contact: C.S. ADAMS  
Contact Phone: (616) 459-1400  
Date of Collection: 01/11/2001  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Datum: NAD83  
Source: STATE OF MICHIGAN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE GRAND RAPIDS PRESS (Continued)**

**U000256998**

Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
Latitude: 42.97031  
Longitude: -85.67054

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 10000  
Product: Gasoline  
Install Date: 03/28/1966  
Remove Date: 11/27/1996  
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: 8000  
Product: Gasoline  
Install Date: 03/29/1971  
Remove Date: 11/27/1996  
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: 300  
Product: Kerosene  
Install Date: 03/28/1978  
Remove Date: 11/27/1996  
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

**AST:**

Facility ID: 92041204  
Facility Phone: 616-222-5671  
Owner Name: THE GRAND RAPIDS PRESS  
Owner Address: 155 MICHIGAN ST NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49442  
Owner County: USA  
Owner Contact: Not reported  
Owner Telephone: (231) 773-3261  
District: Region 3 / Grand Rapids District Office

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE GRAND RAPIDS PRESS (Continued)**

**U000256998**

Contact: Steve Wells  
Type: CLOSED  
Date of Collection: 09/25/2001  
Accuracy: 10 METERS  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Description Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Horizontal Datum: NAD83  
Latitude: 42.9710970  
Longitude: -85.672085

Tank Id: 278879  
Tank Status: Removed from Premises  
Capacity (in gallons): 1850  
Installation Date: Not reported  
Substance Stored: LPG  
Removed/Closed Date: 09/19/2001

Tank Id: 278982  
Tank Status: Removed from Premises  
Capacity (in gallons): 1850  
Installation Date: Not reported  
Substance Stored: LPG  
Removed/Closed Date: 09/19/2001

Tank Id: 283520  
Tank Status: Removed from Premises  
Capacity (in gallons): Not reported  
Installation Date: Not reported  
Substance Stored: Not reported  
Removed/Closed Date: 09/19/2001

**BEA:**

Secondary Address: Not reported  
BEA Number: 3292  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: Michigan State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: odonneld  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MID006536759  
WMD Id: 394267  
Site Specific Name: BOOTH NEWSPAPERS INC GRAND RAPIDS PRESS  
Mailing Address: PO BOX 2027  
Mailing City/State/Zip: 48106  
Mailing County: WASHTENAW

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**U71**  
**NE**  
**1/4-1/2**  
**0.384 mi.**  
**2026 ft.**

**511, 519, 525 MONROE AVE. N. W.**  
**511, 519, 525 MONROE AVE. N. W.**  
**GRAND RAPIDS, MI**

**BEA S104911798**  
**N/A**

**Site 1 of 5 in cluster U**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 634  
District: Grand Rapids  
Date Received: 12/08/1999  
Submitter Name: DUJOCO, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

**Actual:**  
**620 ft.**

**72**  
**SE**  
**1/4-1/2**  
**0.387 mi.**  
**2042 ft.**

**50 MONROE AVENUE NW**  
**50 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA S107466554**  
**N/A**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 3147  
District: Grand Rapids  
Date Received: 03/30/2012  
Submitter Name: Mercantile Bank of Michigan  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

**Actual:**  
**612 ft.**

Secondary Address: Not reported  
BEA Number: 3161  
District: Grand Rapids  
Date Received: 04/16/2012  
Submitter Name: CWD 50 Monroe LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1717  
District: Grand Rapids  
Date Received: 11/02/2005  
Submitter Name: 50 Monroe LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Same Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**50 MONROE AVENUE NW (Continued)**

**S107466554**

Division Assigned: Environmental Response Division

**U73**  
**NE**  
**1/4-1/2**  
**0.389 mi.**  
**2054 ft.**

**533 MONROE AVENUE NW**  
**533 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA S112241419**  
**N/A**

**Site 2 of 5 in cluster U**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 3294  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: Michigan State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: odonneld  
Division Assigned: Environmental Response Division

**Actual:**  
**619 ft.**

**U74**  
**NE**  
**1/4-1/2**  
**0.389 mi.**  
**2054 ft.**

**533 MONROE AVENUE NW**  
**533 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY S114027789**  
**N/A**

**Site 3 of 5 in cluster U**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 201203294GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**619 ft.**

**V75**  
**NW**  
**1/4-1/2**  
**0.397 mi.**  
**2096 ft.**

**601 & 614 1ST ST/501 ALABAMA/520 2ND ST**  
**601 & 614 1ST STREET & 501 ALABAMA AVE &**  
**GRAND RAPIDS, MI 49504**

**BEA S111455217**  
**N/A**

**Site 1 of 5 in cluster V**

**Relative:**  
**Higher**

BEA:  
Secondary Address: 520 2nd Street NW  
BEA Number: 3060  
District: Grand Rapids  
Date Received: 12/06/2011  
Submitter Name: 614 First Street Partners LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: henderas  
Division Assigned: RD

**Actual:**  
**621 ft.**

MAP FINDINGS

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

<b>V76</b> <b>NW</b> <b>1/4-1/2</b> <b>0.397 mi.</b> <b>2096 ft.</b>	<b>601, 614 1ST ST/520 2ND ST/501 ALABAMA</b> <b>601 &amp; 614 1ST ST, 520 2ND ST NW &amp;</b> <b>GRAND RAPIDS, MI</b>  <b>Site 2 of 5 in cluster V</b>	<b>BEA</b>	<b>S110300782</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>621 ft.</b>	<b>BEA:</b> Secondary Address: 501 Alabama Avenue NW BEA Number: 2680 District: Grand Rapids Date Received: 03/11/2010 Submitter Name: Comerica Bank Petition Determination: No Request Petition Disclosure: 0 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: henderas Division Assigned: Environmental Response Division
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<b>V77</b> <b>NW</b> <b>1/4-1/2</b> <b>0.397 mi.</b> <b>2096 ft.</b>	<b>601 FIRST STREET NW</b> <b>601 FIRST STREET NW</b> <b>GRAND RAPIDS, MI</b>  <b>Site 3 of 5 in cluster V</b>	<b>BEA</b>	<b>S111134664</b> <b>N/A</b>
--	--	------------	---------------------------------

<b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>621 ft.</b>	<b>BEA:</b> Secondary Address: Not reported BEA Number: 1869 District: Grand Rapids Date Received: 06/14/2006 Submitter Name: TMB Industries Petition Determination: No Request Petition Disclosure: 0 Category: Same Hazardous Substance(s) Determination 20107A: No Request Reviewer: pearsons Division Assigned: Environmental Response Division  Secondary Address: Not reported BEA Number: 60 District: Grand Rapids Date Received: 02/15/1996 Submitter Name: Miller Products, Inc. Petition Determination: No Request Petition Disclosure: 0 Category: Same Hazardous Substance(s) Determination 20107A: No Request Reviewer: moyerr Division Assigned: Environmental Response Division
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Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**V78**      **FORMER MILLER PRODUCTS PROPERTY**      **US BROWNFIELDS**      **1012296585**  
**NW**      **601 AND 614 FIRST ST., 520 SECOND ST. AND 501 ALABAMA AVE.**      **N/A**  
**1/4-1/2**      **GRAND RAPIDS, MI 49504**  
**0.397 mi.**  
**2096 ft.**      **Site 4 of 5 in cluster V**

**Relative:**  
**Higher**

US BROWNFIELDS:

**Actual:**  
**621 ft.**

Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2800
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E00416
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2800
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E00416
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	13487
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Supplemental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E00416
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	16992
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	500000
Redev. funding source:	Local Funding
Redev. funding entity name:	Tax Increment Financing
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	65
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Future use residential acreage: Not reported  
Future use commercial acreage: .5  
Future use industrial acreage: 3.1  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: Y  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: FORMER MILLER PRODUCTS PROPERTY  
Property #: 41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004  
Parcel size: 3.6  
Property Description: Not reported  
Latitude: 42.97213960000001  
Longitude: -85.68820900000003  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102902  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 16992  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Redevelopment funding: 1000000  
Redev. funding source: Private/Other Funding  
Redev. funding entity name: Developer  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase II Environmental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60701  
Ownership entity: Private  
Current owner: Not reported  
Did owner change: Y  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y  
Other metals cleaned: Not reported  
Other contaminants found: Not reported  
Other contams found description: Not reported  
PAHs found: Y  
PAHs cleaned up: Not reported  
PCBs found: Not reported  
PCBs cleaned up: Not reported  
Petro products found: Not reported  
Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Y

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

VOCs cleaned: Not reported  
Cleanup other description: Not reported  
Num. of cleanup and re-dev. jobs: 65  
Past use greenspace acreage: Not reported  
Past use residential acreage: Not reported  
Past use commercial acreage: Not reported  
Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: Not reported  
Future use commercial acreage: .5  
Future use industrial acreage: 3.1  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: Y  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: FORMER MILLER PRODUCTS PROPERTY  
Property #: 41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004  
Parcel size: 3.6  
Property Description: Not reported  
Latitude: 42.97213960000001  
Longitude: -85.68820900000003  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

ACRES property ID: 102902  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 11431  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 500000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Increment Financing  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Supplemental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60701  
Ownership entity: Private  
Current owner: Not reported  
Did owner change: Y  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y  
Other metals cleaned: Not reported  
Other contaminants found: Not reported  
Other contams found description: Not reported  
PAHs found: Y  
PAHs cleaned up: Not reported  
PCBs found: Not reported  
PCBs cleaned up: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Petro products found: Not reported  
Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Y  
VOCs cleaned: Not reported  
Cleanup other description: Not reported  
Num. of cleanup and re-dev. jobs: 65  
Past use greenspace acreage: Not reported  
Past use residential acreage: Not reported  
Past use commercial acreage: Not reported  
Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: Not reported  
Future use commercial acreage: .5  
Future use industrial acreage: 3.1  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: Y  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: FORMER MILLER PRODUCTS PROPERTY  
Property #: 41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	11431
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	1000000
Redev. funding source:	Private/Other Funding
Redev. funding entity name:	Developer
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Supplemental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	65
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3000
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60801
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	FORMER MILLER PRODUCTS PROPERTY
Property #:	41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004
Parcel size:	3.6
Property Description:	Not reported
Latitude:	42.97213960000001
Longitude:	-85.68820900000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	102902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	26033
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60801
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: FORMER MILLER PRODUCTS PROPERTY  
Property #: 41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004  
Parcel size: 3.6  
Property Description: Not reported  
Latitude: 42.97213960000001  
Longitude: -85.68820900000003  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102902  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 3000  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 500000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Increment Financing  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 00E60701  
Ownership entity: Private  
Current owner: Not reported  
Did owner change: Y  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	65
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.5
Future use industrial acreage:	3.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: FORMER MILLER PRODUCTS PROPERTY  
Property #: 41-13-24-357-005, 41-13-24-361-027, 41-13-24-378-003, 41-13-24-337-004  
Parcel size: 3.6  
Property Description: Not reported  
Latitude: 42.97213960000001  
Longitude: -85.68820900000003  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 102902  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 3000  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 1000000  
Redev. funding source: Private/Other Funding  
Redev. funding entity name: Developer  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Cooperative agreement #:	00E60701
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	65
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FORMER MILLER PRODUCTS PROPERTY (Continued)**

**1012296585**

Future use commercial acreage: .5  
 Future use industrial acreage: 3.1  
 Greenspace acreage and type: Not reported  
 Superfund Fed. landowner flag: Y  
 Arsenic cleaned up: Not reported  
 Cadmium cleaned up: Not reported  
 Chromium cleaned up: Not reported  
 Copper cleaned up: Not reported  
 Iron cleaned up: Not reported  
 mercury cleaned up: Not reported  
 nickel cleaned up: Not reported  
 No clean up: Not reported  
 Pesticides cleaned up: Not reported  
 Selenium cleaned up: Not reported  
 SVOCs cleaned up: Not reported  
 Unknown clean up: Not reported  
 Arsenic contaminant found: Not reported  
 Cadmium contaminant found: Not reported  
 Chromium contaminant found: Not reported  
 Copper contaminant found: Not reported  
 Iron contaminant found: Not reported  
 Mercury contaminant found: Not reported  
 Nickel contaminant found: Not reported  
 No contaminant found: Not reported  
 Pesticides contaminant found: Not reported  
 Selenium contaminant found: Not reported  
 SVOCs contaminant found: Not reported  
 Unknown contaminant found: Not reported  
 Future Use: Multistory Not reported  
 Media affected Bluiding Material: Not reported  
 Media affected indoor air: Not reported  
 Building material media cleaned up: Not reported  
 Indoor air media cleaned up: Not reported  
 Unknown media cleaned up: Not reported  
 Past Use: Multistory Not reported

V79  
 NW  
 1/4-1/2  
 0.397 mi.  
 2096 ft.

**614 FIRST STREET PARTNERS LLC**  
**601 1ST ST NW**  
**GRAND RAPIDS, MI 49504**

**RCRA-CESQG 1000280605**  
**BEA MID000724864**

**Site 5 of 5 in cluster V**

**Relative:  
 Higher**

RCRA-CESQG:

Date form received by agency: 10/26/2012  
 Facility name: 614 FIRST STREET PARTNERS LLC  
 Facility address: 601 1ST ST NW  
 GRAND RAPIDS, MI 49504  
 EPA ID: MID000724864  
 Contact: GEORGE COLVIN  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: (616) 285-6933  
 Contact email: GCOLVIN@ROCKFORDCONSTRUCTION.COM  
 EPA Region: 05  
 Land type: Private  
 Classification: Conditionally Exempt Small Quantity Generator  
 Description: Handler: generates 100 kg or less of hazardous waste per calendar

**Actual:  
 621 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

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

Owner/Operator Summary:

Owner/operator name: 614 FIRST STREET PARTNERS LLC  
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: 09/12/2011  
Owner/Op end date: Not reported

Owner/operator name: ROCKFORD CONSTRUCTION COMPANY  
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: 09/12/2011  
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

Historical Generators:

Date form received by agency: 12/16/2011  
Site name: MILLER PRODUCTS LLC  
Classification: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Date form received by agency: 03/01/2008  
Site name: MILLER PRODUCTS LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2008  
Site name: MILLER PRODUCTS LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006  
Site name: MILLER PRODUCTS INC  
Classification: Large Quantity Generator

Date form received by agency: 02/23/2006  
Site name: MILLER PRODUCTS LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004  
Site name: MILLER PRODUCTS INC  
Classification: Large Quantity Generator

Date form received by agency: 02/25/2004  
Site name: MILLER PRODUCTS LLC  
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002  
Site name: MILLER PRODUCTS INC  
Classification: Large Quantity Generator

Date form received by agency: 02/16/2000  
Site name: MILLER PRODUCTS INC  
Classification: Large Quantity Generator

Date form received by agency: 01/23/1998  
Site name: MILLER PRODUCTS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/27/1996  
Site name: MILLER METAL PRODUCTS  
Classification: Large Quantity Generator

Date form received by agency: 11/22/1995  
Site name: MILLER PRODUCTS LLC  
Classification: Large Quantity Generator

Date form received by agency: 02/17/1994  
Site name: MILLER METAL PRODUCTS  
Classification: Large Quantity Generator

Date form received by agency: 02/19/1992  
Site name: MILLER METAL PRODUCTS CORPORATION  
Classification: Large Quantity Generator

Date form received by agency: 05/31/1990  
Site name: MILLER METAL PRODUCTS CORPORATION  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

614 FIRST STREET PARTNERS LLC (Continued)

1000280605

Hazardous Waste Summary:

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

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

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

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

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

Waste code: 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.

Facility Has Received Notices of Violations:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 06/15/2007  
Date achieved compliance: 07/02/2007  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/15/2007  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Records/Reporting  
Date violation determined: 06/15/2007  
Date achieved compliance: 07/02/2007  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/15/2007  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 03/07/2001  
Date achieved compliance: 04/02/2001  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/07/2001  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 09/25/1997  
Date achieved compliance: 01/21/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/25/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Area of violation: LDR - General  
Date violation determined: 09/25/1997  
Date achieved compliance: 01/21/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/25/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 09/25/1997  
Date achieved compliance: 01/21/1998  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/25/1997  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 04/27/1994  
Date achieved compliance: 07/19/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/04/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: LDR - General  
Date violation determined: 04/27/1994  
Date achieved compliance: 07/19/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/04/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Manifest

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Date violation determined: 04/27/1994  
Date achieved compliance: 07/19/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 05/04/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 05/08/1990  
Date achieved compliance: 07/19/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/15/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 08/25/1987  
Date achieved compliance: 12/18/1987  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/28/1987  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 10/29/2010  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/13/2007  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Records/Reporting  
Date achieved compliance: 07/02/2007  
Evaluation lead agency: State

Evaluation date: 06/13/2007  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 07/02/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Evaluation lead agency: State

Evaluation date: 09/24/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/30/2001  
Evaluation: FOLLOW-UP INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/27/2001  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 04/02/2001  
Evaluation lead agency: State

Evaluation date: 01/21/1998  
Evaluation: FOLLOW-UP INSPECTION  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 01/21/1998  
Evaluation: FOLLOW-UP INSPECTION  
Area of violation: LDR - General  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 01/21/1998  
Evaluation: FOLLOW-UP INSPECTION  
Area of violation: Generators - General  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 09/15/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 09/15/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 09/15/1997  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 01/21/1998  
Evaluation lead agency: State

Evaluation date: 07/14/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Evaluation: FOLLOW-UP INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/27/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 07/19/1994  
Evaluation lead agency: State

Evaluation date: 04/27/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 07/19/1994  
Evaluation lead agency: State

Evaluation date: 04/27/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 07/19/1994  
Evaluation lead agency: State

Evaluation date: 05/08/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 07/19/1994  
Evaluation lead agency: State

Evaluation date: 12/07/1987  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/25/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/18/1987  
Evaluation lead agency: State

Evaluation date: 03/20/1986  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/17/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

BEA:

Secondary Address: Not reported  
BEA Number: 296  
District: Grand Rapids  
Date Received: 11/13/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**614 FIRST STREET PARTNERS LLC (Continued)**

**1000280605**

Submitter Name: Pioneer Investment, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Same Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

**U80**  
**NE**  
**1/4-1/2**  
**0.398 mi.**  
**2102 ft.**

**544 MONROE AVENUE NW**  
**544 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA S112241420**  
**N/A**

**Site 4 of 5 in cluster U**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 3295  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: Michigan State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: odonneld  
Division Assigned: Environmental Response Division

**Actual:**  
**616 ft.**

**U81**  
**NE**  
**1/4-1/2**  
**0.398 mi.**  
**2102 ft.**

**544 MONROE AVENUE NW**  
**544 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY S114027825**  
**N/A**

**Site 5 of 5 in cluster U**

**Relative:**  
**Higher**

INVENTORY:  
Bea Number: 201203295GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**616 ft.**

**W82**  
**WNW**  
**1/4-1/2**  
**0.400 mi.**  
**2114 ft.**

**GSG LLC**  
**438 STOCKING AVE NW**  
**GRAND RAPIDS, MI 49504**

**LUST U003327813**  
**UST N/A**

**Site 1 of 2 in cluster W**

**Relative:**  
**Higher**

LUST:  
Facility ID: 00004193  
Source: STATE OF MICHIGAN  
Owner Name: GSG LLC  
Owner Address: 438 Stocking Ave NW  
Owner City,St,Zip: Grand Rapids, MI 49504  
Owner Contact: Not reported  
Owner Phone: (616) 458-3359

**Actual:**  
**614 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSG LLC (Continued)**

**U003327813**

Country: USA  
District: Grand Rapids District Office  
Site Name: Spur Station #1557  
Latitude: 42.97186  
Longitude: -85.68473  
Date of Collection: 01/29/2002  
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-4004-85  
Release Date: 10/01/1987  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 02/16/1993

**UST:**

Facility ID: 00004193  
Facility Type: ACTIVE  
Owner Name: GSG LLC  
Owner Address: 438 STOCKING AVE NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49504  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 458-3359  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: 01/29/2002  
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  
Latitude: 42.97186  
Longitude: -85.68473

Tank ID: 1  
**Tank Status: Currently In Use**  
Capacity: 10000  
Product: Gasoline  
Install Date: 05/01/1981  
Remove Date: Not reported  
Tank Release Detection: Manual Tank Gauging, Tank Tightness Testing  
Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing  
Piping Material: Fiberglass Reinforced Plastic  
Piping Type: Pressure  
Construction Material: Cathodically Protected Steel  
Impressed Device: No

Tank ID: 2  
**Tank Status: Currently In Use**  
Capacity: 10000

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GSG LLC (Continued)**

**U003327813**

Product: Gasoline  
 Install Date: 05/01/1981  
 Remove Date: Not reported  
 Tank Release Detection: Manual Tank Gauging, Tank Tightness Testing  
 Pipe Release Detection: Automatic Line Leak Detectors, Line Tightness Testing  
 Piping Material: Fiberglass Reinforced Plastic  
 Piping Type: Pressure  
 Construction Material: Cathodically Protected Steel  
 Impressed Device: No

**X83**  
**ESE**  
**1/4-1/2**  
**0.400 mi.**  
**2114 ft.**

**LEDYARD BUILDING PROPERTY**  
**125 OTTAWA AVENUE NW**  
**KENT (County), MI 49503**  
**Site 1 of 5 in cluster X**

**INVENTORY S114036289**  
**N/A**

**Relative:**  
**Higher**

INVENTORY:  
 Bea Number: 200401425GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:**  
**625 ft.**

**X84**  
**ESE**  
**1/4-1/2**  
**0.400 mi.**  
**2114 ft.**

**125 OTTAWA AVENUE NW**  
**125 OTTAWA AVENUE NW**  
**KENT (County), MI 49503**  
**Site 2 of 5 in cluster X**

**INVENTORY S114022552**  
**N/A**

**Relative:**  
**Higher**

INVENTORY:  
 Bea Number: 201203139GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:**  
**625 ft.**

**W85**  
**WNW**  
**1/4-1/2**  
**0.402 mi.**  
**2123 ft.**

**SPUR GAS STATION**  
**420 STOCKING ST**  
**GRAND RAPIDS, MI 49505**  
**Site 2 of 2 in cluster W**

**CERC-NFRAP 1003871685**  
**MID981094824**

**Relative:**  
**Higher**

CERC-NFRAP:  
 Site ID: 0503382  
 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

**Actual:**  
**615 ft.**

Program Priority:  
 Description: Great Lakes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPUR GAS STATION (Continued)**

**1003871685**

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 07/29/86  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 07/29/86  
Priority Level: Not reported

Action: DISCOVERY  
Date Started: / /  
Date Completed: 06/30/85  
Priority Level: Not reported

**X86** 125 OTTAWA AVENUE NW  
**ESE** 125 OTTAWA AVENUE NW  
**1/4-1/2** GRAND RAPIDS, MI 49503  
**0.403 mi.**  
**2126 ft.** Site 3 of 5 in cluster X

**BEA** S106425627  
N/A

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 3139  
District: Grand Rapids  
Date Received: 03/12/2012  
Submitter Name: CWD 125 Ottawa LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: johnsonn  
Division Assigned: Environmental Response Division

**Actual:**  
**626 ft.**

Secondary Address: Not reported  
BEA Number: 1425  
District: Grand Rapids  
Date Received: 05/19/2004  
Submitter Name: Ledyard, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: obrient1  
Division Assigned: Environmental Response Division

MAP FINDINGS

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

<b>87</b> <b>SSW</b> <b>1/4-1/2</b> <b>0.403 mi.</b> <b>2130 ft.</b>	<b>500 WEST FULTON STREET</b> <b>500 WEST FULTON STREET</b> <b>GRAND RAPIDS, MI</b>	<b>BEA</b>	<b>S104911838</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>Actual:</b> <b>610 ft.</b>	<b>BEA:</b> Secondary Address: Not reported BEA Number: 656 District: Grand Rapids Date Received: 01/27/2000 Submitter Name: Grand Valley State University Petition Determination: Affirmed Petition Disclosure: 1 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: whitebl Division Assigned: Environmental Response Division
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<b>X88</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.405 mi.</b> <b>2136 ft.</b>	<b>PENINSULAR CLUB PROPERTY</b> <b>120 OTTAWA AVENUE NW</b> <b>GRAND RAPIDS, MI 49503</b>  <b>Site 4 of 5 in cluster X</b>	<b>BEA</b>	<b>S109345249</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>Actual:</b> <b>625 ft.</b>	<b>BEA:</b> Secondary Address: Not reported BEA Number: 2394 District: Grand Rapids Date Received: 11/13/2008 Submitter Name: RDV Ottawa II LLC Petition Determination: No Request Petition Disclosure: 0 Category: No Hazardous Substance(s) Determination 20107A: No Request Reviewer: heytg Division Assigned: Environmental Response Division
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<b>X89</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.405 mi.</b> <b>2136 ft.</b>	<b>PENINSULAR CLUB PROPERTY</b> <b>120 OTTAWA AVENUE NW</b> <b>KENT (County), MI 49503</b>  <b>Site 5 of 5 in cluster X</b>	<b>INVENTORY</b>	<b>S114037647</b> <b>N/A</b>
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<b>Relative:</b> <b>Higher</b>	<b>Actual:</b> <b>625 ft.</b>	<b>INVENTORY:</b> Bea Number: 200802394GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
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MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**Y90**  
**SW**  
**1/4-1/2**  
**0.419 mi.**  
**2211 ft.**

**51 LEXINGTON AVENUE NW**  
**51 LEXINGTON AVENUE NW**  
**KENT (County), MI 49505**

**INVENTORY**    **S114027497**  
**N/A**

**Site 1 of 6 in cluster Y**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201203170GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**612 ft.**

**Y91**  
**SW**  
**1/4-1/2**  
**0.419 mi.**  
**2211 ft.**

**51 LEXINGTON AVENUE NW**  
**51 LEXINGTON AVENUE NW**  
**GRAND RAPIDS, MI 49505**

**BEA**    **S111832612**  
**N/A**

**Site 2 of 6 in cluster Y**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 3170  
District: Grand Rapids  
Date Received: 04/24/2012  
Submitter Name: GR School Lofts LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: stringed  
Division Assigned: Environmental Response Division

**Actual:**  
**612 ft.**

**Y92**  
**SW**  
**1/4-1/2**  
**0.421 mi.**  
**2223 ft.**

**LEXINGTON ELEMENTARY SCHOOL**  
**45 LEXINGTON AVE. NW**  
**GRAND RAPIDS, MI 49504**

**US BROWNFIELDS**    **1016456890**  
**FINDS**    **N/A**

**Site 3 of 6 in cluster Y**

**Relative:**  
**Higher**

**US BROWNFIELDS:**  
Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: LEXINGTON ELEMENTARY SCHOOL  
Property #: 41-13-25-161-003  
Parcel size: 1.6  
Property Description: Based on records reviewed, portions of the property were originally developed as a school in approximately 1867. Other portions of the property contained residential homes that were demolished when the current building was constructed around 1915.

**Actual:**  
**612 ft.**

Latitude: Not reported  
Longitude: Not reported  
HCM label: Not reported  
Map scale: Not reported  
Point of reference: Not reported  
Datum: North American Datum of 1983  
ACRES property ID: 170857  
Start date: Not reported  
Completed date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3013
Assessment funding source:	Private/Other Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	GR School Lofts, LLC
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E00416
Ownership entity:	Government
Current owner:	Grand Rapids Public School District
Did owner change:	Y
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Sediments cleaned: Not reported  
Soil affected: Not reported  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Not reported  
VOCs cleaned: Not reported  
Cleanup other description: Not reported  
Num. of cleanup and re-dev. jobs: Not reported  
Past use greenspace acreage: Not reported  
Past use residential acreage: Not reported  
Past use commercial acreage: Not reported  
Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: Not reported  
Future use commercial acreage: Not reported  
Future use industrial acreage: Not reported  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: Y  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: LEXINGTON ELEMENTARY SCHOOL  
Property #: 41-13-25-161-003  
Parcel size: 1.6  
Property Description: Based on records reviewed, portions of the property were originally developed as a school in approximately 1867. Other portions of the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

property contained residential homes that were demolished when the current building was constructed around 1915.

Latitude: Not reported  
Longitude: Not reported  
HCM label: Not reported  
Map scale: Not reported  
Point of reference: Not reported  
Datum: North American Datum of 1983  
ACRES property ID: 170857  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 6957  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: Not reported  
Redev. funding source: Not reported  
Redev. funding entity name: Not reported  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase II Environmental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E00416  
Ownership entity: Government  
Current owner: Grand Rapids Public School District  
Did owner change: Y  
Cleanup required: Unknown  
Video available: Not reported  
Photo available: Not reported  
Institutional controls required: Not reported  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Not reported  
Groundwater cleaned: Not reported  
Lead contaminant found: Not reported  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	LEXINGTON ELEMENTARY SCHOOL
Property #:	41-13-25-161-003
Parcel size:	1.6
Property Description:	Based on records reviewed, portions of the property were originally developed as a school in approximately 1867. Other portions of the property contained residential homes that were demolished when the current building was constructed around 1915.
Latitude:	Not reported
Longitude:	Not reported
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	North American Datum of 1983
ACRES property ID:	170857
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2500
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	00E00416
Ownership entity:	Government
Current owner:	Grand Rapids Public School District
Did owner change:	Y
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Y
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LEXINGTON ELEMENTARY SCHOOL (Continued)**

**1016456890**

Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

**FINDS:**

Registry ID: 110057202619

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)  
 is an federal online database for Brownfields Grantees to  
 electronically submit data directly to EPA.

**Y93  
 SW  
 1/4-1/2  
 0.421 mi.  
 2223 ft.**

**LEXINGTON SCHOOL PROPERTY PROJECT  
 45 LEXINGTON AVENUE NW  
 GRAND RAPIDS, MI 49504  
 Site 4 of 6 in cluster Y**

**INVENTORY S114026356  
 N/A**

**Relative:  
 Higher**

**INVENTORY:**

Bea Number:	Not reported
Township:	Grand Rapids
District:	Grand Rapids
Data Source:	Part 201
Latitude:	42.96457
Longitude:	-85.68387

**Actual:  
 612 ft.**

**94  
 WNW  
 1/4-1/2  
 0.423 mi.  
 2231 ft.**

**MERCANTILE BANK PROPERTIES  
 420 AND 430 STOCKING AVENUE, 424, 428, 431, 436, AND 437 LEX  
 GRAND RAPIDS, MI 49504**

**US BROWNFIELDS 1012297135  
 N/A**

**Relative:  
 Higher**

**US BROWNFIELDS:**

Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	MERCANTILE BANK PROPERTIES
Property #:	Not reported
Parcel size:	.75
Property Description:	The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed.

**Actual:  
 615 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Various restaurants occupied the Property from 1951 until 2008, when the Property was transferred to Mercantile Bank through foreclosure.

Latitude: 42.971596  
Longitude: -85.68450999999999  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 105847  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 4000  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: Not reported  
Redev. funding source: Not reported  
Redev. funding entity name: Not reported  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: B  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60701  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.75
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	MERCANTILE BANK PROPERTIES
Property #:	Not reported
Parcel size:	.75
Property Description:	The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed. Various restaurants occupied the Property from 1951 until 2008, when the Property was transferred to Mercantile Bank through foreclosure.
Latitude:	42.971596
Longitude:	-85.68450999999999
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	105847
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	3960
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	B
Accomplishment type:	Supplemental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.75
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	MERCANTILE BANK PROPERTIES
Property #:	Not reported
Parcel size:	.75
Property Description:	The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed. Various restaurants occupied the Property from 1951 until 2008, when the Property was transferred to Mercantile Bank through foreclosure.
Latitude:	42.971596
Longitude:	-85.68450999999999
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	105847
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2675
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	200000
Redev. funding source:	Local Funding
Redev. funding entity name:	Tax Incentives
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	B
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	00E60801
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	30
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.75
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	MERCANTILE BANK PROPERTIES
Property #:	Not reported
Parcel size:	.75
Property Description:	The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed. Various restaurants occupied the Property from 1951 until 2008, when the Property was transferred to Mercantile Bank through foreclosure.

Latitude:	42.971596
Longitude:	-85.68450999999999
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	105847
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2675

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 500000  
Redev. funding source: Private/Other Funding  
Redev. funding entity name: Developer  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: B  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 00E60801  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y  
Other metals cleaned: Not reported  
Other contaminants found: Not reported  
Other contams found description: Not reported  
PAHs found: Not reported  
PAHs cleaned up: Not reported  
PCBs found: Not reported  
PCBs cleaned up: Not reported  
Petro products found: Y  
Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

VOCs found: Y  
 VOCs cleaned: Not reported  
 Cleanup other description: Not reported  
 Num. of cleanup and re-dev. jobs: 30  
 Past use greenspace acreage: Not reported  
 Past use residential acreage: Not reported  
 Past use commercial acreage: Not reported  
 Past use industrial acreage: Not reported  
 Future use greenspace acreage: Not reported  
 Future use residential acreage: Not reported  
 Future use commercial acreage: .75  
 Future use industrial acreage: Not reported  
 Greenspace acreage and type: Not reported  
 Superfund Fed. landowner flag: Not reported  
 Arsenic cleaned up: Not reported  
 Cadmium cleaned up: Not reported  
 Chromium cleaned up: Not reported  
 Copper cleaned up: Not reported  
 Iron cleaned up: Not reported  
 mercury cleaned up: Not reported  
 nickel cleaned up: Not reported  
 No clean up: Not reported  
 Pesticides cleaned up: Not reported  
 Selenium cleaned up: Not reported  
 SVOCs cleaned up: Not reported  
 Unknown clean up: Not reported  
 Arsenic contaminant found: Not reported  
 Cadmium contaminant found: Not reported  
 Chromium contaminant found: Not reported  
 Copper contaminant found: Not reported  
 Iron contaminant found: Not reported  
 Mercury contaminant found: Not reported  
 Nickel contaminant found: Not reported  
 No contaminant found: Not reported  
 Pesticides contaminant found: Not reported  
 Selenium contaminant found: Not reported  
 SVOCs contaminant found: Not reported  
 Unknown contaminant found: Not reported  
 Future Use: Multistory Not reported  
 Media affected Bluiding Material: Not reported  
 Media affected indoor air: Not reported  
 Building material media cleaned up: Not reported  
 Indoor air media cleaned up: Not reported  
 Unknown media cleaned up: Not reported  
 Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
 Grant type: Assessment  
 Property name: MERCANTILE BANK PROPERTIES  
 Property #: Not reported  
 Parcel size: .75  
 Property Description: The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed. Various restaurants occupied the Property from 1951 until 2008, when

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MERCANTILE BANK PROPERTIES (Continued)

1012297135

the Property was transferred to Mercantile Bank through foreclosure.  
Latitude: 42.971596  
Longitude: -85.68450999999999  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Center of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 105847  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 36627  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: 200000  
Redev. funding source: Local Funding  
Redev. funding entity name: Tax Incentives  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: B  
Accomplishment type: Phase II Environmental Assessment  
Accomplishment count: 0  
Cooperative agreement #: 00E60801  
Ownership entity: Not reported  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: N  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Y  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	30
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.75
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	MERCANTILE BANK PROPERTIES
Property #:	Not reported
Parcel size:	.75
Property Description:	The Property was developed for residential and commercial purposes as of 1888. A gasoline filling station and three gasoline tanks were situated on the southern portion of the Property from at least 1936 to 1953. Residential structures remained on the Property until at least 1986, when the residence at 431 Lexington Avenue was razed. Various restaurants occupied the Property from 1951 until 2008, when the Property was transferred to Mercantile Bank through foreclosure.
Latitude:	42.971596
Longitude:	-85.68450999999999
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Center of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	105847
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	36627
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	500000
Redev. funding source:	Private/Other Funding
Redev. funding entity name:	Developer
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	B
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60801
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	N
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

**1012297135**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	30
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.75
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MERCANTILE BANK PROPERTIES (Continued)**

1012297135

Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

Y95  
 SW  
 1/4-1/2  
 0.423 mi.  
 2235 ft.

**40 LEXINGTON AVENUE NW  
 40 LEXINGTON AVENUE NW  
 KENT (County), MI 49504**

**INVENTORY S114025940  
 N/A**

**Site 5 of 6 in cluster Y**

**Relative:  
 Higher**

INVENTORY:  
 Bea Number: 201002638GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:  
 612 ft.**

Y96  
 SW  
 1/4-1/2  
 0.423 mi.  
 2235 ft.

**DAVE COLE DECORATORS INC  
 40 LEXINGTON AVE NW  
 GRAND RAPIDS, MI 49504**

**RCRA NonGen / NLR 1000988570  
 FINDS MI0001019512  
 LUST  
 UST  
 BEA  
 WDS**

**Site 6 of 6 in cluster Y**

**Relative:  
 Higher**

RCRA NonGen / NLR:  
 Date form received by agency: 12/31/2001  
 Facility name: DAVE COLE DECORATORS INC  
 Facility address: 40 LEXINGTON AVE NW  
 GRAND RAPIDS, MI 49504  
 EPA ID: MI0001019512  
 Contact: STEVE BARRINGER  
 Contact address: 40 LEXINGTON AVE NW  
 GRAND RAPIDS, MI 49504  
 Contact country: US  
 Contact telephone: (616) 887-9465  
 Contact email: Not reported  
 EPA Region: 05  
 Land type: Other land type  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:  
 612 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVE COLE DECORATORS INC (Continued)**

**1000988570**

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 01/01/2002  
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 01/01/2002  
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

Historical Generators:

Date form received by agency: 03/01/2000  
Site name: DAVE COLE DECORATORS INC  
Classification: Large Quantity Generator

Date form received by agency: 11/21/1996  
Site name: DAVE COLE DECORATORS INC  
Classification: Small Quantity Generator

Date form received by agency: 02/01/1995  
Site name: DAVE COLE DECORATORS INC  
Classification: Large Quantity Generator

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 PENSKY-MARTENS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVE COLE DECORATORS INC (Continued)**

**1000988570**

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

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

Waste code: 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.

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 11/21/1996  
Date achieved compliance: 12/18/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 11/25/1996  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/18/1996  
Evaluation: FOLLOW-UP INSPECTION  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 12/18/1996  
Evaluation lead agency: State  
  
Evaluation date: 11/20/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 12/18/1996  
Evaluation lead agency: State

FINDS:

Registry ID: 110003571643

Environmental Interest/Information System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVE COLE DECORATORS INC (Continued)**

**1000988570**

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.

**LUST:**

Facility ID: 00008372  
Source: STATE OF MICHIGAN  
Owner Name: Dave Cole Decorators Inc  
Owner Address: 40 LEXINGTON  
Owner City,St,Zip: GRAND RAPIDS, MI 49504  
Owner Contact: Not reported  
Owner Phone: (616) 454-9465  
Country: USA  
District: Grand Rapids District Office  
Site Name: Dave Cole Decorators, Inc.  
Latitude: 42.96461  
Longitude: -85.68365  
Date of Collection: 10/05/2004  
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-1041-96  
Release Date: 12/16/1996  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 09/15/1997

**UST:**

Facility ID: 00008372  
Facility Type: CLOSED  
Owner Name: DAVE COLE DECORATORS INC  
Owner Address: 40 LEXINGTON  
Owner City,St,Zip: GRAND RAPIDS, MI 49504  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 454-9465  
Contact: MIKE COLE  
Contact Phone: (616) 454-9465  
Date of Collection: 10/05/2004  
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  
Latitude: 42.96461  
Longitude: -85.68365

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVE COLE DECORATORS INC (Continued)**

**1000988570**

Tank ID: 1  
**Tank Status: Closed in Ground**  
Capacity: 2000  
Product: Gasoline  
Install Date: 03/28/1976  
Remove Date: 12/11/1996  
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,Lined Interior  
Impressed Device: No

**BEA:**

Secondary Address: Not reported  
BEA Number: 2638  
District: Grand Rapids  
Date Received: 01/19/2010  
Submitter Name: Mercantile Bank  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MI0001019512  
WMD Id: 391841  
Site Specific Name: DAVE COLE DECORATORS INC  
Mailing Address: 40 LEXINGTON AVE NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

**Z97**  
**SE**  
**1/4-1/2**  
**0.426 mi.**  
**2250 ft.**

**45 OTTAWA AVENUE NW**  
**45 OTTAWA AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**Site 1 of 2 in cluster Z**

**BEA S110748239**  
**N/A**

**Relative:**  
**Higher**

**BEA:**

Secondary Address: Not reported  
BEA Number: 2848  
District: Grand Rapids  
Date Received: 12/02/2010  
Submitter Name: Davenport University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

**Actual:**  
**619 ft.**

Secondary Address: Not reported  
BEA Number: 2849  
District: Grand Rapids  
Date Received: 12/02/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**45 OTTAWA AVENUE NW (Continued)**

**S110748239**

Submitter Name: 45 Ottawa Associates LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

**Z98**  
**SE**  
**1/4-1/2**  
**0.426 mi.**  
**2250 ft.**

**45 OTTAWA AVENUE NW**  
**45 OTTAWA AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY S114026607**  
**N/A**

**Site 2 of 2 in cluster Z**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201002848GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**619 ft.**

Bea Number: 201002849GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**99**  
**East**  
**1/4-1/2**  
**0.429 mi.**  
**2263 ft.**

**246 IONIA AVENUE NW**  
**246 IONIA AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY S114024203**  
**N/A**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 200802379GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**633 ft.**

**AA100**  
**NE**  
**1/4-1/2**  
**0.430 mi.**  
**2271 ft.**

**VACANT PROPERTY**  
**520-522 BOND AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA S105966450**  
**N/A**

**Site 1 of 3 in cluster AA**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 1202  
District: Grand Rapids  
Date Received: 05/21/2003  
Submitter Name: FMS Property Management, LLC

**Actual:**  
**619 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VACANT PROPERTY (Continued)**

**S105966450**

Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: jousmai  
Division Assigned: Environmental Response Division

**AA101**  
**NE**  
**1/4-1/2**  
**0.430 mi.**  
**2271 ft.**

**VACANT PROPERTY**  
**520-522 BOND AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY** **S114039512**  
**N/A**

**Site 2 of 3 in cluster AA**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 200301202GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**619 ft.**

**AB102**  
**NE**  
**1/4-1/2**  
**0.433 mi.**  
**2284 ft.**

**601 MONROE AVENUE NW**  
**601 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY** **S114028143**  
**N/A**

**Site 1 of 5 in cluster AB**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201203296GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**610 ft.**

**AB103**  
**NE**  
**1/4-1/2**  
**0.433 mi.**  
**2284 ft.**

**601 MONROE AVENUE NW**  
**601 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA** **S112241422**  
**N/A**

**Site 2 of 5 in cluster AB**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 3296  
District: Grand Rapids  
Date Received: 10/09/2012  
Submitter Name: Michigan State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: odonneld  
Division Assigned: Environmental Response Division

**Actual:**  
**610 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AB104**  
**NE**  
**1/4-1/2**  
**0.439 mi.**  
**2317 ft.**

**600 MONROE AVENUE NW**  
**600 MONROE AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**Site 3 of 5 in cluster AB**

**BEA S105768490**  
**N/A**

**Relative:**  
**Higher**

BEA:

**Actual:**  
**611 ft.**

Secondary Address: Not reported  
BEA Number: 1137  
District: Grand Rapids  
Date Received: 01/31/2003  
Submitter Name: Monroe Terrace Commercial, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: obrient1  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1138  
District: Grand Rapids  
Date Received: 01/31/2003  
Submitter Name: Monroe Terrace Condos, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1162  
District: Grand Rapids  
Date Received: 03/20/2003  
Submitter Name: Monroe Terrace Commercial, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: stringed  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1163  
District: Grand Rapids  
Date Received: 03/20/2003  
Submitter Name: Monroe Terrace Condos, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: henderas  
Division Assigned: Environmental Response Division

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AB105**  
**NE**  
**1/4-1/2**  
**0.439 mi.**  
**2317 ft.**

**600 MONROE AVENUE NW**  
**600 MONROE AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY** **S114028097**  
**N/A**

**Site 4 of 5 in cluster AB**

**Relative:**  
**Higher**

INVENTORY:

Bea Number: 200301162GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**611 ft.**

Bea Number: 200301163GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Bea Number: 200301137GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Bea Number: 200301138GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**AB106**  
**NE**  
**1/4-1/2**  
**0.439 mi.**  
**2317 ft.**

**600 MONROE AVE. N. W.**  
**600 MONROE AVE. N. W.**  
**GRAND RAPIDS, MI**

**BEA** **S104911800**  
**N/A**

**Site 5 of 5 in cluster AB**

**Relative:**  
**Higher**

BEA:

Secondary Address: Not reported  
BEA Number: 636  
District: Grand Rapids  
Date Received: 12/10/1999  
Submitter Name: DUJOCO, LLC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: whitebl  
Division Assigned: Environmental Response Division

**Actual:**  
**611 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AA107**     **538 BOND AVENUE**  
**NE**        **538 BOND AVENUE**  
**1/4-1/2**    **KENT (County), MI 49503**  
**0.439 mi.**  
**2319 ft.**    **Site 3 of 3 in cluster AA**

**INVENTORY**    **S114026368**  
**N/A**

**Relative:**     **INVENTORY:**  
**Higher**        Bea Number:     201403685GR  
                   Township:        Grand Rapids  
**Actual:**        District:         Grand Rapids  
**618 ft.**         Data Source:     BEA  
                   Latitude:        42.9734  
                   Longitude:      -85.67105

                  Bea Number:     200301207GR  
                   Township:        Grand Rapids  
                   District:         Grand Rapids  
                   Data Source:     BEA  
                   Latitude:        42.9734  
                   Longitude:      -85.67105

**108**         **22 AND 38 FRONT AVENUE SW**  
**SSW**        **22 AND 38 FRONT AVENUE SW**  
**1/4-1/2**    **GRAND RAPIDS, MI 49503**  
**0.444 mi.**  
**2346 ft.**

**BEA**    **S110748215**  
**N/A**

**Relative:**     **BEA:**  
**Lower**        Secondary Address:    Not reported  
                   BEA Number:        2898  
**Actual:**        District:            Grand Rapids  
**602 ft.**        Date Received:      02/24/2011  
                   Submitter Name:    Grand Valley State University  
                   Petition Determination: No Request  
                   Petition Disclosure: 0  
                   Category:            Not reported  
                   Determination 20107A: No Request  
                   Reviewer:            pawlosj2  
                   Division Assigned: Environmental Response Division

**AC109**     **141 IONIA AVENUE**  
**ESE**        **141 IONIA AVENUE NW**  
**1/4-1/2**    **GRAND RAPIDS, MI 49503**  
**0.447 mi.**  
**2362 ft.**    **Site 1 of 2 in cluster AC**

**US BROWNFIELDS**    **1016378172**  
**FINDS**                **N/A**

**Relative:**     **US BROWNFIELDS:**  
**Higher**        Recipient name:      Grand Rapids, City of  
                   Grant type:            Assessment  
**Actual:**        Property name:        141 IONIA AVENUE  
**633 ft.**        Property #:            41-13-25-278-003  
                   Parcel size:            .09  
                   Property Description: Not reported  
                   Latitude:              42.966798  
                   Longitude:            -85.66924999999997  
                   HCM label:            Address Matching-House Number  
                   Map scale:            Not reported  
                   Point of reference:   Entrance Point of a Facility or Station

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

141 IONIA AVENUE (Continued)

1016378172

Datum:	North American Datum of 1983
ACRES property ID:	158269
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2050
Assessment funding source:	Private/Other Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	First National Bank
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Supplemental Assessment
Accomplishment count:	1
Cooperative agreement #:	00E00416
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Yes
Video available:	No
Photo available:	No
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

141 IONIA AVENUE (Continued)

1016378172

PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.09
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Recipient name:	Grand Rapids, City of
Grant type:	Assessment
Property name:	141 IONIA AVENUE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

141 IONIA AVENUE (Continued)

1016378172

Property #: 41-13-25-278-003  
Parcel size: .09  
Property Description: Not reported  
Latitude: 42.966798  
Longitude: -85.66924999999997  
HCM label: Address Matching-House Number  
Map scale: Not reported  
Point of reference: Entrance Point of a Facility or Station  
Datum: North American Datum of 1983  
ACRES property ID: 158269  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 6109  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: Not reported  
Redev. funding source: Not reported  
Redev. funding entity name: Not reported  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Supplemental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 00E00416  
Ownership entity: Private  
Current owner: Not reported  
Did owner change: N  
Cleanup required: Yes  
Video available: No  
Photo available: No  
Institutional controls required: U  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Y  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Not reported  
Groundwater cleaned: Not reported  
Lead contaminant found: Not reported  
Lead cleaned up: Not reported  
No media affected: Not reported  
Unknown media affected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

141 IONIA AVENUE (Continued)

1016378172

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.09
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**141 IONIA AVENUE (Continued)**

**1016378172**

Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

FINDS:

Registry ID: 110055084723

Environmental Interest/Information System  
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)  
is an federal online database for Brownfields Grantees to  
electronically submit data directly to EPA.

AD110  
SSE  
1/4-1/2  
0.448 mi.  
2368 ft.

**32 MARKET AVENUE SW  
32 MARKET AVENUE SW  
KENT (County), MI 49503**

**INVENTORY S114025201  
N/A**

**Site 1 of 2 in cluster AD**

Relative:  
Higher

INVENTORY:  
Bea Number: 200301154GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Actual:  
606 ft.

Bea Number: 201403739GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

111  
ENE  
1/4-1/2  
0.449 mi.  
2370 ft.

**ANDY DYKEMA & BILL PAPKE  
SE CORNER OF MICH & IONIA  
GRAND RAPIDS, MI 49505**

**LUST U003329579  
UST N/A**

Relative:  
Higher

LUST:  
Facility ID: 00038577  
Source: STATE OF MICHIGAN  
Owner Name: Andy Dykema & Bill Papke  
Owner Address: 1703 Three Mile Rd NE  
Owner City,St,Zip: Grand Rapids, MI 49505  
Owner Contact: Not reported  
Owner Phone: (616) 363-6895  
Country: USA  
District: Grand Rapids District Office  
Site Name: Grand Rapids, City Of  
Latitude: 42.97042  
Longitude: -85.66898  
Date of Collection: 01/11/2001

Actual:  
653 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANDY DYKEMA & BILL PAPKE (Continued)**

**U003329579**

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-0369-95  
Release Date: 03/23/1995  
Substance Released: Gasoline,Unknown  
Release Status: Closed  
Release Closed Date: 03/31/1995

UST:

Facility ID: 00038577  
Facility Type: CLOSED  
Owner Name: ANDY DYKEMA & BILL PAPKE  
Owner Address: 1703 THREE MILE RD NE  
Owner City,St,Zip: GRAND RAPIDS, MI 49505  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 363-6895  
Contact: BEN DYKEMA  
Contact Phone: (616) 363-6895  
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  
Latitude: 42.97042  
Longitude: -85.66898

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 1000  
Product: UNK  
Install Date: Not reported  
Remove Date: 01/01/1995  
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

AC112  
ESE  
1/4-1/2  
0.450 mi.  
2376 ft.

CITY OF GRAND RAPIDS  
IONIA/PEARL  
GRAND RAPIDS, MI 49503

Site 2 of 2 in cluster AC

INVENTORY S102726134  
LUST N/A

Relative:  
Higher

INVENTORY:  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids

Actual:  
633 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF GRAND RAPIDS (Continued)**

**S102726134**

Data Source: Part 213  
Latitude: 42.96626  
Longitude: -85.66891

**LUST:**

Facility ID: 50000325  
Source: STATE OF MICHIGAN  
Owner Name: Nrt Owner  
Owner Address: Unknown  
Owner City,St,Zip: Unknown, MI 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Grand Rapids District Office  
Site Name: Grand Rapids (city Of)  
Latitude: 42.96626  
Longitude: -85.66890  
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-2227-90  
Release Date: 10/31/1990  
Substance Released: Not reported  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-2284-91  
Release Date: 10/28/1991  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 11/25/1991

**AE113  
NNW  
1/4-1/2  
0.451 mi.  
2383 ft.**

**607 DEWEY AVENUE NW  
607 DEWEY AVENUE NW  
KENT (County), MI 49504**

**INVENTORY S114028175  
N/A**

**Site 1 of 3 in cluster AE**

**Relative:  
Higher**

**INVENTORY:**  
Bea Number: 201002668GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:  
617 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AE114**    **607 DEWEY AVENUE NW**  
**NNW**    **607 DEWEY AVENUE NW**  
**1/4-1/2**    **GRAND RAPIDS, MI 49504**  
**0.451 mi.**  
**2383 ft.**    **Site 2 of 3 in cluster AE**

**BEA**    **S110142397**  
**N/A**

**Relative:**    **Higher**  
**Actual:**    **617 ft.**

BEA:  
Secondary Address: Not reported  
BEA Number: 2668  
District: Grand Rapids  
Date Received: 02/19/2010  
Submitter Name: 607 Dewey LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: heytg  
Division Assigned: Environmental Response Division

**AE115**    **618 DEWEY AVENUE NW**  
**NNW**    **618 DEWEY AVENUE NW**  
**1/4-1/2**    **KENT (County), MI 49504**  
**0.457 mi.**  
**2415 ft.**    **Site 3 of 3 in cluster AE**

**INVENTORY**    **S117324855**  
**N/A**

**Relative:**    **Higher**  
**Actual:**    **617 ft.**

INVENTORY:  
Bea Number: 201403806GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**AF116**    **50 LOUIS STREET NW**  
**SE**    **50 LOUIS STREET NW**  
**1/4-1/2**    **KENT (County), MI 49503**  
**0.458 mi.**  
**2420 ft.**    **Site 1 of 2 in cluster AF**

**INVENTORY**    **S114026830**  
**N/A**

**Relative:**    **Higher**  
**Actual:**    **622 ft.**

INVENTORY:  
Bea Number: 201203143GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AF117**    **50 LOUIS STREET NW**  
**SE**        **50 LOUIS STREET NW**  
**1/4-1/2**    **GRAND RAPIDS, MI 49503**  
**0.458 mi.**  
**2420 ft.**    **Site 2 of 2 in cluster AF**

**BEA**    **S111832610**  
**WDS**    **N/A**

**Relative:**    **BEA:**  
**Higher**        Secondary Address:    Not reported  
                     BEA Number:            3143  
**Actual:**        District:                Grand Rapids  
**622 ft.**         Date Received:        03/21/2012  
                     Submitter Name:      CWD 50 Louis, LLC  
                     Petition Determination: No Request  
                     Petition Disclosure:    0  
                     Category:              No Hazardous Substance(s)  
                     Determination 20107A: No Request  
                     Reviewer:              pawlosj2  
                     Division Assigned:    Environmental Response Division

**WDS:**  
 Site Id:                    MIG000019301  
 WMD Id:                  453823  
 Site Specific Name:      WLAV RADIO  
 Mailing Address:        50 LOUIS ST NW  
 Mailing City/State/Zip: 49503  
 Mailing County:         KENT

**AG118**    **725 LAKE MICHIGAN DRIVE NW**  
**WSW**       **725 LAKE MICHIGAN DRIVE NW**  
**1/4-1/2**    **GRAND RAPIDS, MI 49504**  
**0.458 mi.**  
**2420 ft.**    **Site 1 of 3 in cluster AG**

**BEA**    **S111120933**  
**N/A**

**Relative:**    **BEA:**  
**Higher**        Secondary Address:    Not reported  
                     BEA Number:            2956  
**Actual:**        District:                Grand Rapids  
**610 ft.**         Date Received:        06/10/2011  
                     Submitter Name:      Kent County Republican Committee  
                     Petition Determination: No Request  
                     Petition Disclosure:    0  
                     Category:              No Hazardous Substance(s)  
                     Determination 20107A: No Request  
                     Reviewer:              henderas  
                     Division Assigned:    RD

Secondary Address:    Not reported  
 BEA Number:            2957  
 District:                Grand Rapids  
 Date Received:        06/10/2011  
 Submitter Name:      725 Lake Michigan Drive LLC  
 Petition Determination: No Request  
 Petition Disclosure:    0  
 Category:              No Hazardous Substance(s)  
 Determination 20107A: No Request  
 Reviewer:              henderas  
 Division Assigned:    RD

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AG119**  
**WSW**  
**1/4-1/2**  
**0.458 mi.**  
**2420 ft.**

**725 LAKE MICHIGAN DRIVE NW**  
**725 LAKE MICHIGAN DRIVE NW**  
**KENT (County), MI 49504**

**INVENTORY**    **S114029927**  
**N/A**

**Site 2 of 3 in cluster AG**

**Relative:**  
**Higher**

**INVENTORY:**  
 Bea Number: 201102956GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:**  
**610 ft.**

Bea Number: 201102957GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**AG120**  
**WSW**  
**1/4-1/2**  
**0.458 mi.**  
**2420 ft.**

**725 LAKE MICHIGAN DRIVE**  
**725 LAKE MICHIGAN DRIVE NW**  
**GRAND RAPIDS, MI 49504**

**US BROWNFIELDS**    **1016358710**  
**FINDS**    **N/A**

**Site 3 of 3 in cluster AG**

**Relative:**  
**Higher**

**US BROWNFIELDS:**  
 Recipient name: Grand Rapids, City of  
 Grant type: Assessment  
 Property name: 725 LAKE MICHIGAN DRIVE  
 Property #: 41-13-25-152-017  
 Parcel size: .4  
 Property Description: The Properties historical uses include residential, commercial (grocery store and supply store) and vacant commercial.  
 Latitude: 42.966458  
 Longitude: -85.68586  
 HCM label: Not reported  
 Map scale: Not reported  
 Point of reference: Not reported  
 Datum: North American Datum of 1983  
 ACRES property ID: 130845  
 Start date: Not reported  
 Completed date: Not reported  
 Acres cleaned up: Not reported  
 Cleanup funding: Not reported  
 Cleanup funding source: Not reported  
 Assessment funding: 2275  
 Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
 Redevelopment funding: Not reported  
 Redev. funding source: Not reported  
 Redev. funding entity name: Not reported  
 Redevelopment start date: Not reported  
 Assessment funding entity: EPA  
 Cleanup funding entity: Not reported  
 Grant type: H  
 Accomplishment type: Supplemental Assessment  
 Accomplishment count: 0  
 Cooperative agreement #: 00E00416  
 Ownership entity: Private

**Actual:**  
**610 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

725 LAKE MICHIGAN DRIVE (Continued)

1016358710

Current owner:	725 Lake Michigan Drive, LLC
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Y
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.4
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: N  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: 725 LAKE MICHIGAN DRIVE  
Property #: 41-13-25-152-017  
Parcel size: .4  
Property Description: The Properties historical uses include residential, commercial (grocery store and supply store) and vacant commercial.  
Latitude: 42.966458  
Longitude: -85.68586  
HCM label: Not reported  
Map scale: Not reported  
Point of reference: Not reported  
Datum: North American Datum of 1983  
ACRES property ID: 130845  
Start date: Not reported  
Completed date: Not reported  
Acres cleaned up: Not reported  
Cleanup funding: Not reported  
Cleanup funding source: Not reported  
Assessment funding: 1950  
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement  
Redevelopment funding: Not reported  
Redev. funding source: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Redev. funding entity name: Not reported  
Redevelopment start date: Not reported  
Assessment funding entity: EPA  
Cleanup funding entity: Not reported  
Grant type: H  
Accomplishment type: Phase I Environmental Assessment  
Accomplishment count: 1  
Cooperative agreement #: 00E60701  
Ownership entity: Private  
Current owner: 725 Lake Michigan Drive, LLC  
Did owner change: Y  
Cleanup required: Yes  
Video available: No  
Photo available: Yes  
Institutional controls required: U  
IC Category proprietary controls: Not reported  
IC cat. info. devices: Not reported  
IC cat. gov. controls: Not reported  
IC cat. enforcement permit tools: Not reported  
IC in place date: Not reported  
IC in place: Not reported  
State/tribal program date: Not reported  
State/tribal program ID: Not reported  
State/tribal NFA date: Not reported  
Air contaminated: Not reported  
Air cleaned: Not reported  
Asbestos found: Not reported  
Asbestos cleaned: Not reported  
Controlled substance found: Not reported  
Controlled substance cleaned: Not reported  
Drinking water affected: Not reported  
Drinking water cleaned: Not reported  
Groundwater affected: Y  
Groundwater cleaned: Not reported  
Lead contaminant found: Not reported  
Lead cleaned up: Y  
No media affected: Not reported  
Unknown media affected: Not reported  
Other cleaned up: Not reported  
Other metals found: Not reported  
Other metals cleaned: Y  
Other contaminants found: Not reported  
Other contams found description: Not reported  
PAHs found: Not reported  
PAHs cleaned up: Not reported  
PCBs found: Not reported  
PCBs cleaned up: Not reported  
Petro products found: Not reported  
Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Not reported  
VOCs cleaned: Y  
Cleanup other description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Num. of cleanup and re-dev. jobs: Not reported  
Past use greenspace acreage: Not reported  
Past use residential acreage: Not reported  
Past use commercial acreage: .4  
Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: Not reported  
Future use commercial acreage: Not reported  
Future use industrial acreage: Not reported  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: N  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: 725 LAKE MICHIGAN DRIVE  
Property #: 41-13-25-152-017  
Parcel size: .4  
Property Description: The Properties historical uses include residential, commercial (grocery store and supply store) and vacant commercial.  
Latitude: 42.966458  
Longitude: -85.68586  
HCM label: Not reported  
Map scale: Not reported  
Point of reference: Not reported  
Datum: North American Datum of 1983  
ACRES property ID: 130845

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	8200
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Private
Current owner:	725 Lake Michigan Drive, LLC
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Petro products cleaned: Not reported  
Sediments found: Not reported  
Sediments cleaned: Not reported  
Soil affected: Y  
Soil cleaned up: Not reported  
Surface water cleaned: Not reported  
VOCs found: Not reported  
VOCs cleaned: Y  
Cleanup other description: Not reported  
Num. of cleanup and re-dev. jobs: Not reported  
Past use greenspace acreage: Not reported  
Past use residential acreage: Not reported  
Past use commercial acreage: .4  
Past use industrial acreage: Not reported  
Future use greenspace acreage: Not reported  
Future use residential acreage: Not reported  
Future use commercial acreage: Not reported  
Future use industrial acreage: Not reported  
Greenspace acreage and type: Not reported  
Superfund Fed. landowner flag: N  
Arsenic cleaned up: Not reported  
Cadmium cleaned up: Not reported  
Chromium cleaned up: Not reported  
Copper cleaned up: Not reported  
Iron cleaned up: Not reported  
mercury cleaned up: Not reported  
nickel cleaned up: Not reported  
No clean up: Not reported  
Pesticides cleaned up: Not reported  
Selenium cleaned up: Not reported  
SVOCs cleaned up: Not reported  
Unknown clean up: Not reported  
Arsenic contaminant found: Not reported  
Cadmium contaminant found: Not reported  
Chromium contaminant found: Not reported  
Copper contaminant found: Not reported  
Iron contaminant found: Not reported  
Mercury contaminant found: Not reported  
Nickel contaminant found: Not reported  
No contaminant found: Not reported  
Pesticides contaminant found: Not reported  
Selenium contaminant found: Not reported  
SVOCs contaminant found: Not reported  
Unknown contaminant found: Not reported  
Future Use: Multistory Not reported  
Media affected Bluiding Material: Not reported  
Media affected indoor air: Not reported  
Building material media cleaned up: Not reported  
Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

Recipient name: Grand Rapids, City of  
Grant type: Assessment  
Property name: 725 LAKE MICHIGAN DRIVE  
Property #: 41-13-25-152-017  
Parcel size: .4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Property Description:	The Properties historical uses include residential, commercial (grocery store and supply store) and vacant commercial.
Latitude:	42.966458
Longitude:	-85.68586
HCM label:	Not reported
Map scale:	Not reported
Point of reference:	Not reported
Datum:	North American Datum of 1983
ACRES property ID:	130845
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	8150
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	0
Cooperative agreement #:	00E60701
Ownership entity:	Private
Current owner:	725 Lake Michigan Drive, LLC
Did owner change:	Y
Cleanup required:	Yes
Video available:	No
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

725 LAKE MICHIGAN DRIVE (Continued)

1016358710

Other metals found:	Not reported
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Y
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.4
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**725 LAKE MICHIGAN DRIVE (Continued)**

**1016358710**

Indoor air media cleaned up: Not reported  
Unknown media cleaned up: Not reported  
Past Use: Multistory Not reported

FINDS:

Registry ID: 110043562784

Environmental Interest/Information System  
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)  
is a federal online database for Brownfields Grantees to  
electronically submit data directly to EPA.

AD121  
SSE  
1/4-1/2  
0.461 mi.  
2433 ft.

**41 MARKET AVE. S. W.  
41 MARKET AVE. S. W.  
GRAND RAPIDS, MI  
Site 2 of 2 in cluster AD**

**BEA S104912072  
N/A**

Relative:  
Higher

BEA:  
Secondary Address: Not reported  
BEA Number: 788  
District: Grand Rapids  
Date Received: 10/26/2000  
Submitter Name: Plaza Towers Associates Ltd Partnership  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

Actual:  
607 ft.

122  
SW  
1/4-1/2  
0.461 mi.  
2436 ft.

**FORMER ADOBE PROPERTY  
610 W FULTON ST AREA NW  
GRAND RAPIDS, MI 49503**

**INVENTORY U003908236  
LUST N/A  
UST**

Relative:  
Higher

INVENTORY:  
Bea Number: Not reported  
Township: Not reported  
District: Grand Rapids  
Data Source: Part 213  
Latitude: 42.96321  
Longitude: -85.68314

Actual:  
611 ft.

LUST:  
Facility ID: 00041380  
Source: STATE OF MICHIGAN  
Owner Name: YMCA of Grand Rapids  
Owner Address: 40 Monroe Center NW  
Owner City,St,Zip: Grand Rapids, MI 49503  
Owner Contact: Not reported  
Owner Phone: 616-4566931

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER ADOBE PROPERTY (Continued)**

**U003908236**

Country: USA  
District: Grand Rapids District Office  
Site Name: Former Adobe Property  
Latitude: 42.96321  
Longitude: -85.68314  
Date of Collection: 07/03/2006  
Method of Collection: Interpolation-Map  
Accuracy: 15  
Accuracy Value Unit: METERS  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Not reported

Leak Number: C-0255-03  
Release Date: 06/13/2003  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

**UST:**

Facility ID: 00041380  
Facility Type: CLOSED  
Owner Name: YMCA OF GRAND RAPIDS  
Owner Address: 40 MONROE CENTER NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49503  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: 616-4566931  
Contact: Frank Marshall  
Contact Phone: 616-667-4000  
Date of Collection: 07/03/2006  
Accuracy: 15  
Accuracy Value Unit: METERS  
Horizontal Datum: NAD83  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Not reported  
Method of Collection: Interpolation-Map  
Latitude: 42.96321  
Longitude: -85.68314

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 12000  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 06/13/2003  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

123  
SW  
1/4-1/2  
0.463 mi.  
2445 ft.

616 FULTON STREET WEST  
616 FULTON STREET WEST  
KENT (County), MI 49504

INVENTORY S116385983  
N/A

Relative:  
Higher

INVENTORY:  
Bea Number: 201403646GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Actual:  
612 ft.

AH124  
SSE  
1/4-1/2  
0.464 mi.  
2452 ft.

GRAND RAPIDS FOAM RUBBER CO  
55 MARKET ST  
GRAND RAPIDS, MI 49504

LUST U003329204  
UST N/A  
BEA  
WDS

Site 1 of 4 in cluster AH

Relative:  
Higher

LUST:  
Facility ID: 00033636  
Source: STATE OF MICHIGAN  
Owner Name: Grand Rapids Foam Rubber Co  
Owner Address: 1700 Alpine Ave NW  
Owner City,St,Zip: Grand Rapids, MI 49504-2810  
Owner Contact: Not reported  
Owner Phone: (616) 361-2722  
Country: USA  
District: Grand Rapids District Office  
Site Name: Grand Rapids Foam Rubber  
Latitude: 42.96179  
Longitude: -85.67449  
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-1064-89  
Release Date: 12/08/1989  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 03/13/1996

Actual:  
607 ft.

UST:  
Facility ID: 00033636  
Facility Type: CLOSED  
Owner Name: GRAND RAPIDS FOAM RUBBER CO  
Owner Address: 1700 ALPINE AVE NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49504-2810  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 361-2722  
Contact: GENE AMANN  
Contact Phone: (616) 361-2722  
Date of Collection: 01/11/2001  
Accuracy: 100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRAND RAPIDS FOAM RUBBER CO (Continued)**

**U003329204**

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  
Latitude: 42.96179  
Longitude: -85.67449

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 1000  
Product: Used Oil  
Install Date: Not reported  
Remove Date: 12/15/1989  
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

BEA:  
Secondary Address: Not reported  
BEA Number: 356  
District: Grand Rapids  
Date Received: 03/16/1998  
Submitter Name: J. William Hoerner, Esq.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: colons  
Division Assigned: Storage Tank Division

WDS:  
Site Id: MIG000023484  
WMD Id: 451389  
Site Specific Name: GRAND RAPIDS FOAM RUBBER  
Mailing Address: 55 MARKET AVE SW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

---

AH125 42 MARKET AVE SW/41-43 GRANDVILLE AVE SW  
SSE 42 MARKET AVENUE SW &  
1/4-1/2 GRAND RAPIDS, MI  
0.465 mi.  
2456 ft. Site 2 of 4 in cluster AH

BEA S105094881  
N/A

Relative: BEA:  
Higher Secondary Address: 41-43 Grandville Avenue SW  
BEA Number: 939  
Actual: District: Grand Rapids  
607 ft. Date Received: 09/06/2001  
Submitter Name: Kenneth Ellis  
Petition Determination: No Request  
Petition Disclosure: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**42 MARKET AVE SW/41-43 GRANDVILLE AVE SW (Continued)**

**S105094881**

Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: hopkinsh  
Division Assigned: Environmental Response Division

Secondary Address: 41-43 Grandville Avenue SW  
BEA Number: 940  
District: Grand Rapids  
Date Received: 09/06/2001  
Submitter Name: Ellis Parking Company  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

AH126  
SSE  
1/4-1/2  
0.466 mi.  
2463 ft.

**CHARLEY'S CRAB PROPERTY**  
**63 MARKET AVENUE SW**  
**KENT (County), MI 49503**  
**Site 3 of 4 in cluster AH**

**INVENTORY S114033261**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**607 ft.**

INVENTORY:  
Bea Number: 200802384GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

AH127  
SSE  
1/4-1/2  
0.466 mi.  
2463 ft.

**CHARLEY'S CRAB PROPERTY**  
**63 MARKET AVENUE SW**  
**GRAND RAPIDS, MI 49503**  
**Site 4 of 4 in cluster AH**

**BEA S109345176**  
**WDS N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**607 ft.**

BEA:  
Secondary Address: Not reported  
BEA Number: 2384  
District: Grand Rapids  
Date Received: 10/21/2008  
Submitter Name: 63 Market Avenue Holdings LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: johnsonn  
Division Assigned: Environmental Response Division

WDS:  
Site Id: MIK733178693  
WMD Id: 474160  
Site Specific Name: CHARLEYS CRAB  
Mailing Address: 63 MARKET AVE SW  
Mailing City/State/Zip: 49503

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLEY'S CRAB PROPERTY (Continued)**

**S109345176**

Mailing County: KENT

**AI128**  
**NE**  
**1/4-1/2**  
**0.470 mi.**  
**2482 ft.**

**532 OTTAWA AVENUE NW**  
**532 OTTAWA AVENUE NW**  
**KENT (County), MI 49503**

**INVENTORY** **S116710641**  
**N/A**

**Site 1 of 2 in cluster AI**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: 201403774GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:**  
**630 ft.**

**AI129**  
**NE**  
**1/4-1/2**  
**0.470 mi.**  
**2484 ft.**

**COMMERCIAL PROPERTY & PARKING AREA**  
**535-549 & 542-546 OTTAWA AVENUE NW**  
**GRAND RAPIDS, MI 49503**

**BEA** **S105966437**  
**N/A**

**Site 2 of 2 in cluster AI**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: 535-549 (Odd) & 542-546 (Even)  
BEA Number: 1251  
District: Grand Rapids  
Date Received: 07/21/2003  
Submitter Name: Marjorie Ilich  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**Actual:**  
**630 ft.**

Secondary Address: 535-549 (Odd) & 542-546 (Even)  
BEA Number: 1252  
District: Grand Rapids  
Date Received: 07/21/2003  
Submitter Name: John Ilich  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: 535-549 (Odd) & 542-546 (Even)  
BEA Number: 1253  
District: Grand Rapids  
Date Received: 07/21/2003  
Submitter Name: Susan Ilich  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL PROPERTY & PARKING AREA (Continued)**

**S105966437**

Reviewer: pawlosj2  
Division Assigned: Environmental Response Division  
  
Secondary Address: 535-549 (Odd) & 542-546 (Even)  
BEA Number: 1254  
District: Grand Rapids  
Date Received: 07/21/2003  
Submitter Name: Mark Ilich  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Different Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

AJ130  
SSE  
1/4-1/2  
0.472 mi.  
2491 ft.

**32 MARKET AVENUE SW  
32 MARKET AVENUE SW  
GRAND RAPIDS, MI 49504**

**BEA S105768498  
N/A**

**Site 1 of 2 in cluster AJ**

**Relative:  
Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 1154  
District: Grand Rapids  
Date Received: 03/07/2003  
Submitter Name: Comrock, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: obrient1  
Division Assigned: Environmental Response Division

**Actual:  
609 ft.**

AK131  
NE  
1/4-1/2  
0.472 mi.  
2492 ft.

**ICON ON BOND LLC  
538 & 601 BOND AVENUE NW  
GRAND RAPIDS, MI**

**INVENTORY S114026369  
N/A**

**Site 1 of 3 in cluster AK**

**Relative:  
Higher**

INVENTORY:  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.9734  
Longitude: -85.67105

**Actual:  
618 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOLVERINE BRASS WORKS (Continued)**

**1000430890**

Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 09/23/1980  
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 09/23/1980  
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

ICIS:

Enforcement Action ID: 05-1985-0158  
FRS ID: 110003583827  
Program ID: RCRAINFO MID006025332  
Action Name: WOLVERINE BRASS WORKS  
Full Address: 648 MONROE AVE GRAND RAPIDS MI 49502-0001  
State: Michigan  
Facility Name: WOLVERINE BRASS WORKS  
Facility Address: 648 MONROE AVE  
GRAND RAPIDS, MI 49502-0001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOLVERINE BRASS WORKS (Continued)**

**1000430890**

Enforcement Action Type: TSCA 16 Action For Penalty  
Facility County: KENT  
EPA Region #: 5

Enforcement Action ID: 05-1985-0158  
FRS ID: 110003583827  
Program ID: FRS 110003583827  
Action Name: WOLVERINE BRASS WORKS  
Full Address: 648 MONROE AVE GRAND RAPIDS MI 49502-0001  
State: Michigan  
Facility Name: WOLVERINE BRASS WORKS  
Facility Address: 648 MONROE AVE  
GRAND RAPIDS, MI 49502-0001

Enforcement Action Type: TSCA 16 Action For Penalty  
Facility County: KENT  
EPA Region #: 5

Program ID: FRS 110003583827  
Facility Name: WOLVERINE BRASS WORKS  
Address: 648 MONROE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 3432

Program ID: RCRAINFO MID006025332  
Facility Name: WOLVERINE BRASS WORKS  
Address: 648 MONROE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 3432

**FINDS:**

Registry ID: 110003583827

**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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WOLVERINE BRASS WORKS (Continued)**

**1000430890**

has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**BEA:**

Secondary Address: Not reported  
 BEA Number: 200  
 District: Grand Rapids  
 Date Received: 03/26/1997  
 Submitter Name: Canal Street Foundry, L.L.C.  
 Petition Determination: Affirmed  
 Petition Disclosure: 1  
 Category: No Hazardous Substance(s)  
 Determination 20107A: No Request  
 Reviewer: monetd  
 Division Assigned: Environmental Response Division

Secondary Address: Not reported  
 BEA Number: 213  
 District: Grand Rapids  
 Date Received: 05/15/1997  
 Submitter Name: Canal Street Group, L.L.C.  
 Petition Determination: Affirmed  
 Petition Disclosure: 1  
 Category: No Hazardous Substance(s)  
 Determination 20107A: No Request  
 Reviewer: odonneld  
 Division Assigned: Environmental Response Division

**AM135**  
**NNE**  
**1/4-1/2**  
**0.473 mi.**  
**2496 ft.**

**WOLVERINE BRASS WORKS**  
**648 MONROE AVE NW**  
**GRAND RAPIDS, MI 49503**  
**Site 2 of 2 in cluster AM**

**INVENTORY** **S108896097**  
**PART 201** **N/A**  
**BEA**  
**WDS**

**Relative:**  
**Higher**

**INVENTORY:**  
 Bea Number: Not reported  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: Part 201  
 Latitude: 42.97461  
 Longitude: -85.67143

**Actual:**  
**612 ft.**

**PART 201:**  
 Facility ID: 41001057  
**Facility Status: Inactive - no actions taken to address contamination**  
 Source: Not reported  
 SAM Score: 34  
 SAM Score Date: 06/18/2007  
 Township: 7N  
 Range: 12W  
 Section: 24  
 Quarter: SE  
 Quarter/Quarter: SW  
 Pollutants: Cr+3; Pb; Ag; TCE; VC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOLVERINE BRASS WORKS (Continued)**

**S108896097**

**BEA:**

Secondary Address: Not reported  
BEA Number: 1081  
District: Grand Rapids  
Date Received: 08/19/2002  
Submitter Name: Tower Automotive Products, Inc.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: stringed  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MID006025332  
WMD Id: 394110  
Site Specific Name: WOLVERINE BRASS WORKS  
Mailing Address: 648 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

**AK136**  
**NE**  
**1/4-1/2**  
**0.473 mi.**  
**2500 ft.**

**GRF INDUSTRIES INC**  
**600 BOND AVENUE**  
**GRAND RAPIDS, MI 49503**  
**Site 2 of 3 in cluster AK**

**AUL S107925037**  
**WDS N/A**

**Relative:**  
**Higher**

**AUL:**

Status: Recorded  
Site Name: Not reported  
Property: Former Grand Rapids Foundry Industries  
Land Use Restriction Type: RC  
Program Type: Part 201  
Program Support Assigned User: Not reported  
Program Support Assigned Date: Not reported  
Legal Description Of Property: Parcel 1 & 2 containing sections of the Kent Plat  
Based On The Deq Ref #: 11120106005  
MDEQ Reference Number: RC-RRD-201-06-005  
Property Or Description Restricted Area: Parcel 1 & 2 containing sections of the Kent Plat  
Lead Division: RRD  
File Name Of Hyperlinked Legal Doc: U:\\Kermit\\11120106005.pdf  
Mapped Polygons Area In Acres: 1.29  
Mapped Polygons Area In Square Miles: 0  
Date Data Entry Started: 03/06/2007  
Date Data Entry Finished: 03/06/2007  
Individual Or Staff Assoc With The Mapping: Phillip Wilkins  
Program Used To Map Restricted Features: ArcGIS 9.1  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 04/12/2004  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 0  
Commercial Iv Land Use Restriction: 0  
Industrial Land Use Restriction: 1  
Residential Land Use Restriction: 0  
Recreational Land Use Restriction: 0  
Multiple Land-Use Restrictions: 0  
Site Specific Restrictions: 0

**Actual:**  
**618 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRF INDUSTRIES INC (Continued)**

**S107925037**

Groundwater Consumption Restrictions: 1  
Groundwater Contact Restrictions: 0  
Special Well Construction Requirements: 0  
Special Building Restrictions: 0  
Excavation And Soil Movement Restrictions: 1  
Soil Movement Requirements: 0  
There Is A Restriction On All Construction: 0  
Monitoring Well Protected, No Tampering Or Removal: 0  
There Is An Exposure Barrier In Place: 1  
There Is A Health And Safety Plan: 0  
There Is A Permanent Marker On The Site: 1  
Map Comments: Parcels mapped from georectified images of the Kent Plat  
Comment: Request received on 3/13/2006 6/29/07 recorded copy received

WDS:

Site Id: MIK827412271  
WMD Id: 477220  
Site Specific Name: SKYLINE  
Mailing Address: 648 MONROE AVE NW  
Mailing City/State/Zip: 49503  
Mailing County: KENT

**AK137  
NE  
1/4-1/2  
0.473 mi.  
2500 ft.**

**GRAND RAPIDS FOUNDRY  
538, 600 & 601 BOND AVENUE NW  
GRAND RAPIDS, MI 49503**

**BEA S105966445  
N/A**

**Site 3 of 3 in cluster AK**

**Relative:  
Higher**

BEA:

Secondary Address: Not reported  
BEA Number: 1207  
District: Grand Rapids  
Date Received: 05/22/2003  
Submitter Name: Union Foundry LLC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: vanleeuw  
Division Assigned: Environmental Response Division

**Actual:  
618 ft.**

**138  
SE  
1/4-1/2  
0.474 mi.  
2501 ft.**

**138 - 148 EAST FULTON STREET  
138 - 148 EAST FULTON STREET  
KENT (County), MI 49503**

**INVENTORY S114564828  
N/A**

**Relative:  
Higher**

INVENTORY:

Bea Number: 201303594GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:  
617 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AN139**      **FOUR STAR SERVICE STATION #8**  
**WNW**        **513 STOCKING NW**  
**1/4-1/2**      **GRAND RAPIDS, MI 49548**  
**0.477 mi.**  
**2519 ft.**      **Site 1 of 3 in cluster AN**

**LUST**      **U003330473**  
**UST**        **N/A**

**Relative:**  
**Higher**

LUST:

Facility ID:            00001985  
 Source:                STATE OF MICHIGAN  
 Owner Name:          Four Star Service  
 Owner Address:        6025 Division Ave S  
 Owner City,St,Zip:    Grand Rapids, MI 49548-6737  
 Owner Contact:        Not reported  
 Owner Phone:         (616) 534-4913  
 Country:                USA  
 District:                Grand Rapids District Office  
 Site Name:             Four Star Service Station #8  
 Latitude:                42.97205  
 Longitude:              -85.68536  
 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:**  
**613 ft.**

Leak Number:          C-4013-85  
 Release Date:          10/01/1987  
 Substance Released:   Not reported  
 Release Status:        Closed  
 Release Closed Date:   08/12/1997

UST:

Facility ID:            00001985  
 Facility Type:          CLOSED  
 Owner Name:            FOUR STAR SERVICE  
 Owner Address:        6025 DIVISION AVE S  
 Owner City,St,Zip:    GRAND RAPIDS, MI 49548-6737  
 Owner Country:        USA  
 Owner Contact:        Not reported  
 Owner Phone:          (616) 534-4913  
 Contact:                JEFREY M.TROST  
 Contact Phone:        (616) 534-4913  
 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  
 Latitude:                42.97205  
 Longitude:              -85.68536

Tank ID:                1  
**Tank Status:**        **Removed from Ground**  
 Capacity:              1000  
 Product:                Gasoline  
 Install Date:          04/17/1962

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOUR STAR SERVICE STATION #8 (Continued)**

**U003330473**

Remove Date: 05/01/1989  
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: 6000  
Product: Gasoline  
Install Date: 04/17/1962  
Remove Date: 05/01/1989  
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  
Product: Gasoline  
Install Date: 04/17/1980  
Remove Date: 05/01/1989  
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

AJ140  
SSE  
1/4-1/2  
0.478 mi.  
2522 ft.

158 WESTON STREET SW  
158 WESTON STREET SW  
KENT (County), MI 49503

Site 2 of 2 in cluster AJ

INVENTORY S116385875  
N/A

Relative:  
Higher

INVENTORY:

Bea Number: 201403700GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

Actual:  
609 ft.

MAP FINDINGS

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

---

<b>141</b> <b>East</b> <b>1/4-1/2</b> <b>0.479 mi.</b> <b>2528 ft.</b>	<b>200 NORTH DIVISION AVENUE</b> <b>200 NORTH DIVISION AVENUE</b> <b>KENT (County), MI 49503</b>	<b>INVENTORY</b>	<b>S117324815</b> <b>N/A</b>
--	--	------------------	---------------------------------

<b>Relative:</b> <b>Higher</b>	<b>INVENTORY:</b> Bea Number: 201403834GR Township: Grand Rapids District: Grand Rapids Data Source: BEA Latitude: Not reported Longitude: Not reported
<b>Actual:</b> <b>639 ft.</b>	

<b>142</b> <b>East</b> <b>1/4-1/2</b> <b>0.481 mi.</b> <b>2541 ft.</b>	<b>BUTTERWORTH HOSPITAL PARKING LOT</b> <b>302 DIVISION AVE NE NE CORNER DIVISION &amp; CRESCENT ST</b> <b>GRAND RAPIDS, MI 49503</b>	<b>INVENTORY</b> <b>LUST</b> <b>UST</b>	<b>U003329658</b> <b>N/A</b>
--	---	---	---------------------------------

<b>Relative:</b> <b>Higher</b>	<b>INVENTORY:</b> Bea Number: Not reported Township: Not reported District: Grand Rapids Data Source: Part 213 Latitude: 42.96892 Longitude: -85.66794
<b>Actual:</b> <b>653 ft.</b>	

<b>Relative:</b> <b>Higher</b>	<b>LUST:</b> Facility ID: 00039533 Source: STATE OF MICHIGAN Owner Name: Butterworth Hospital Owner Address: 100 Michigan St NE Owner City,St,Zip: Grand Rapids, MI 49503-2560 Owner Contact: Not reported Owner Phone: (616) 391-2007 Country: USA District: Grand Rapids District Office Site Name: Butterworth Hospital Parking Lot Latitude: 42.96891 Longitude: -85.66793 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)
<b>Actual:</b> <b>653 ft.</b>	

<b>Relative:</b> <b>Higher</b>	Leak Number: C-0070-98 Release Date: 01/26/1998 Substance Released: Unknown Release Status: Open Release Closed Date: Not reported
<b>Actual:</b> <b>653 ft.</b>	

<b>Relative:</b> <b>Higher</b>	Leak Number: C-0964-97 Release Date: 10/13/1997 Substance Released: Gasoline Release Status: Open
<b>Actual:</b> <b>653 ft.</b>	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERWORTH HOSPITAL PARKING LOT (Continued)**

**U003329658**

Release Closed Date: Not reported

UST:

Facility ID: 00039533  
Facility Type: CLOSED  
Owner Name: BUTTERWORTH HOSPITAL  
Owner Address: 100 MICHIGAN ST NE  
Owner City,St,Zip: GRAND RAPIDS, MI 49503-2560  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 391-2007  
Contact: RICK RICKSON  
Contact Phone: (616) 391-2007  
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  
Latitude: 42.96891  
Longitude: -85.66793

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 4000  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 11/05/1997  
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: 2000  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 11/05/1997  
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: 2000  
Product: UNK  
Install Date: Not reported  
Remove Date: 11/05/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BUTTERWORTH HOSPITAL PARKING LOT (Continued)**

**U003329658**

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

**143**  
**North**  
**1/4-1/2**  
**0.484 mi.**  
**2555 ft.**

**RIVERVIEW CENTER LLC**  
**678 FRONT ST NW**  
**GRAND RAPIDS, MI 49504**

**BEA S106425622**  
**WDS N/A**

**Relative:**  
**Higher**

**BEA:**  
Secondary Address: Not reported  
BEA Number: 1436  
District: Grand Rapids  
Date Received: 05/28/2004  
Submitter Name: MUSK I LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**Actual:**  
**607 ft.**

**WDS:**  
Site Id: MIK369148184  
WMD Id: 440191  
Site Specific Name: RIVERVIEW CENTER LLC  
Mailing Address: PO BOX 2738  
Mailing City/State/Zip: 49501  
Mailing County: KENT

**AO144**  
**ESE**  
**1/4-1/2**  
**0.485 mi.**  
**2561 ft.**

**COLLEGE PARK PLAZA BUILDING**  
**180 NORTH DIVISION AVENUE**  
**GRAND RAPIDS, MI 49503**

**AUL S109845917**  
**N/A**

**Site 1 of 2 in cluster AO**

**Relative:**  
**Higher**

**AUL:**  
Status: Recorded  
Site Name: Not reported  
Property: Wood AM & FM Radio  
Land Use Restriction Type: NCA  
Program Type: Part 213  
Program Support Assigned User: Nicholas Swartz  
Program Support Assigned Date: 05/15/2009  
Legal Description Of Property: Not reported  
Based On The Deq Ref #: 12121304199  
MDEQ Reference Number: NCA-RRD-213-04-199  
Property Or Description Restricted Area: College Park Plaza  
Lead Division: STD  
File Name Of Hyperlinked Legal Doc: U:\KERMIT\12121304199.pdf  
Mapped Polygons Area In Acres: 0.3634  
Mapped Polygons Area In Square Miles: 5.9999999999999995E-4

**Actual:**  
**638 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLLEGE PARK PLAZA BUILDING (Continued)**

**S109845917**

Date Data Entry Started: 05/15/2009  
Date Data Entry Finished: 05/15/2009  
Individual Or Staff Assoc With The Mapping: Nicholas Swartz  
Program Used To Map Restricted Features: ArcInfo 9.3 and IcoMap 4.2  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 11/05/1997  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 1  
Commercial Iv Land Use Restriction: 0  
Industrial Land Use Restriction: 0  
Residential Land Use Restriction: 0  
Recreational Land Use Restriction: 0  
Multiple Land-Use Restrictions: 0  
Site Specific Restrictions: 0  
Groundwater Consumption Restrictions: 0  
Groundwater Contact Restrictions: 0  
Special Well Construction Requirements: 0  
Special Building Restrictions: 0  
Excavation And Soil Movement Restrictions: 0  
Soil Movement Requirements: 0  
There Is A Restriction On All Construction: 0  
Monitoring Well Protected, No Tampering Or Removal: 0  
There Is An Exposure Barrier In Place: 0  
There Is A Health And Safety Plan: 0  
There Is A Permanent Marker On The Site: 0  
Map Comments: Property polygon is NOT mapped in KERMIT as of 10/08/2008.LUR is mapped in KERMIT as of 20090515. Polygon also applies to KERMIT ID 12121304200 - Nick Swartz  
Comment: Request received on 7/8/2004. NOTE: Same recorded NCA used for both this facility name and for the College Park Plaza facility, NCA-RRD-213-04-200, and same closure report cover sheet was used for both facilities with both SID numbers on the CR cover sh  
Status: Recorded  
Site Name: Not reported  
Property: College Park Plaza Building  
Land Use Restriction Type: NCA  
Program Type: Part 213  
Program Support Assigned User: Nicholas Swartz  
Program Support Assigned Date: 07/27/2009  
Legal Description Of Property: Migrated  
Based On The Deq Ref #: 12121304200  
MDEQ Reference Number: NCA-RRD-213-04-200  
Property Or Description Restricted Area: Migrated  
Lead Division: STD  
File Name Of Hyperlinked Legal Doc: U:\\kermi\\12121304200.pdf  
Mapped Polygons Area In Acres: 0.3634  
Mapped Polygons Area In Square Miles: 5.999999999999995E-4  
Date Data Entry Started: 07/27/2009  
Date Data Entry Finished: 07/27/2009  
Individual Or Staff Assoc With The Mapping: Nicholas Swartz  
Program Used To Map Restricted Features: ArcInfo 9.3 and IcoMap 4.2  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 11/05/1997  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 1  
Commercial Iv Land Use Restriction: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COLLEGE PARK PLAZA BUILDING (Continued)**

**S109845917**

Industrial Land Use Restriction: 0  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 0  
 Groundwater Consumption Restrictions: 0  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 0  
 Excavation And Soil Movement Restrictions: 0  
 Soil Movement Requirements: 0  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 0  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0  
 Map Comments: Land restriction has not been mapped as of February 13, 2008.LUR is mapped in KERMIT as of 20090727. Mapped as KERMIT ID 12121304199 - Nick Swartz  
 Comment: Request received on 7/8/2004

**AO145  
 ESE  
 1/4-1/2  
 0.485 mi.  
 2561 ft.**

**GRC COLLEGE PARK PLAZA  
 180 N DIVISION  
 GRAND RAPIDS, MI 49503  
 Site 2 of 2 in cluster AO**

**INVENTORY U000714897  
 LUST N/A  
 UST**

**Relative:  
 Higher  
 Actual:  
 638 ft.**

**INVENTORY:**  
 Bea Number: Not reported  
 Township: Not reported  
 District: Grand Rapids  
 Data Source: Part 213  
 Latitude: 42.96683  
 Longitude: -85.6677  
  
 Bea Number: Not reported  
 Township: Not reported  
 District: Grand Rapids  
 Data Source: Part 213  
 Latitude: 42.96683  
 Longitude: -85.6677  
  
**LUST:**  
 Facility ID: 00035179  
 Source: STATE OF MICHIGAN  
 Owner Name: Clear Chanel Radio  
 Owner Address: 77 MONROE CENTER  
 Owner City,St,Zip: GRAND RAPIDS, MI 49503  
 Owner Contact: Not reported  
 Owner Phone: (616) 459-1919  
 Country: USA  
 District: Grand Rapids District Office  
 Site Name: Wood Am & Fm Radio  
 Latitude: 42.96682  
 Longitude: -85.66770  
 Date of Collection: 01/11/2001  
 Method of Collection: Address Matching-House Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRCC COLLEGE PARK PLAZZA (Continued)**

**U000714897**

Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)

Leak Number: C-0689-97  
Release Date: 08/11/1997  
Substance Released: Diesel  
Release Status: Closed  
Release Closed Date: 11/10/1997

Leak Number: C-0690-97  
Release Date: 08/11/1997  
Substance Released: Diesel  
Release Status: Closed  
Release Closed Date: 11/10/1997

**UST:**

Facility ID: 00035648  
Facility Type: CLOSED  
Owner Name: GRAND RAPIDS COMM COLL  
Owner Address: 143 BOSTWICK AVE NE  
Owner City,St,Zip: GRAND RAPIDS, MI 49503-3201  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 771-4057  
Contact: JIM VAN DOKKUMBURG  
Contact Phone: (616) 771-4057  
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  
Latitude: 42.96682  
Longitude: -85.66770

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 550  
Product: Diesel  
Install Date: 01/01/1978  
Remove Date: 08/05/1997  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Bare Steel  
Piping Type: Suction: No Valve At Tank  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 500  
Product: Diesel

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRCC COLLEGE PARK PLAZZA (Continued)**

**U000714897**

Install Date: 01/01/1978  
 Remove Date: 08/11/1997  
 Tank Release Detection: Not reported  
 Pipe Realease Detection: Not reported  
 Piping Material: Bare Steel  
 Piping Type: Suction: Valve at Tank  
 Construction Material: Asphalt Coated or Bare Steel  
 Impressed Device: No

**AP146  
 ESE  
 1/4-1/2  
 0.491 mi.  
 2595 ft.**

**THE MORTON HOUSE  
 55 IONIA AVE NW  
 GRAND RAPIDS, MI 49503**

**US BROWNFIELDS 1016603945  
 FINDS N/A**

**Site 1 of 2 in cluster AP**

**Relative:  
 Higher**

US BROWNFIELDS:

Recipient name: Grand Rapids, City of  
 Grant type: BCRLF

**Actual:  
 631 ft.**

Property name: THE MORTON HOUSE  
 Property #: 41-13-25-286-010

Parcel size: .36

Property Description: The property was originally constructed as a high-end hotel in the late 1800's and has experienced various uses over the last century including hotel, bank, restaurants and most recently low-income housing. The property was acquired in 2012 by 55 Ionia Partners, LLC with the current redevelopment plans calling for basement and first floor retail/restaurant, second floor commercial office space and 3rd through 13th floor market rate residential apartments.

Latitude: 42.965007

Longitude: -85.66931

HCM label: Address Matching-House Number

Map scale: Not reported

Point of reference: Entrance Point of a Facility or Station

Datum: North American Datum of 1983

ACRES property ID: 171741

Start date: 18-NOV-13

Completed date: Not reported

Acres cleaned up: Not reported

Cleanup funding: 94534

Cleanup funding source: Brownfields RLF Grant Funds Loaned

Assessment funding: Not reported

Assessment funding source: Not reported

Redevelopment funding: 17500000

Redev. funding source: Private/Other Funding

Redev. funding entity name: 55 Ionia Partners, LLC

Redevelopment start date: 18-NOV-13

Assessment funding entity: Not reported

Cleanup funding entity: EPA

Grant type: H

Accomplishment type: Not reported

Accomplishment count: 0

Cooperative agreement #: 00E00417

Ownership entity: Private

Current owner: 55 Ionia Partners, LLC

Did owner change: Y

Cleanup required: Yes

Video available: No

Photo available: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE MORTON HOUSE (Continued)**

**1016603945**

Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	50
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.36
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**THE MORTON HOUSE (Continued)**

**1016603945**

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	0
Media affected Bluiding Material:	Y
Media affected indoor air:	Y
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

**FINDS:**

Registry ID: 110059658080

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)  
 is a federal online database for Brownfields Grantees to  
 electronically submit data directly to EPA.

**AN147  
 NW  
 1/4-1/2  
 0.494 mi.  
 2610 ft.**

**522 STOCKING AVENUE NW  
 522 STOCKING AVENUE NW  
 KENT (County), MI 49504**

**INVENTORY S114027684  
 N/A**

**Site 2 of 3 in cluster AN**

**Relative:  
 Higher**

**INVENTORY:**

Bea Number: 201203109GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA  
 Latitude: Not reported  
 Longitude: Not reported

**Actual:  
 612 ft.**

Bea Number: 201203110GR  
 Township: Grand Rapids  
 District: Grand Rapids  
 Data Source: BEA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**522 STOCKING AVENUE NW (Continued)**

**S114027684**

Latitude: Not reported  
Longitude: Not reported

**AN148  
NW  
1/4-1/2  
0.494 mi.  
2610 ft.**

**OXY METAL INDUSTRIES CORP GRAND RAPID WH  
522 STOCKING AVE NW  
GRAND RAPIDS, MI 49504**

**BEA S111455215  
WDS N/A**

**Site 3 of 3 in cluster AN**

**Relative:  
Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 3109  
District: Grand Rapids  
Date Received: 01/31/2012  
Submitter Name: 522 Stocking LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**Actual:  
612 ft.**

Secondary Address: Not reported  
BEA Number: 3110  
District: Grand Rapids  
Date Received: 01/31/2012  
Submitter Name: Icon Sign Company LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MID057042202  
WMD Id: 396386  
Site Specific Name: OXY METAL INDUSTRIES CORP GRAND RAPID WH  
Mailing Address: 522 STOCKING AVE NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

**AP149  
ESE  
1/4-1/2  
0.495 mi.  
2611 ft.**

**64 IONIA AVENUE NW  
64 IONIA AVENUE NW  
KENT (County), MI 49503**

**INVENTORY S114029398  
N/A**

**Site 2 of 2 in cluster AP**

**Relative:  
Higher**

INVENTORY:  
Bea Number: 201002850GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: Not reported  
Longitude: Not reported

**Actual:  
633 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**150**  
**SSE**  
**1/4-1/2**  
**0.498 mi.**  
**2632 ft.**

**32 GRANDVILLE AVE., SW**  
**32 GRANDVILLE AVE., SW**  
**GRAND RAPIDS, MI**

**BEA** **S104909476**  
**N/A**

**Relative:**  
**Higher**

BEA:  
Secondary Address: Not reported  
BEA Number: 5  
District: Grand Rapids  
Date Received: 08/28/1995  
Submitter Name: Cox & Vogel Properties, LLC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: Affirmed  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

**151**  
**SSW**  
**1/2-1**  
**0.502 mi.**  
**2651 ft.**

**DEWITT BARRELS INC**  
**417 WATSON ST SW**  
**GRAND RAPIDS, MI 49504**

**INVENTORY** **S108488219**  
**PART 201** **N/A**  
**BEA**  
**WDS**

**Relative:**  
**Lower**

INVENTORY:  
Bea Number: Not reported  
Township: Walker  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96212  
Longitude: -85.67996

PART 201:  
Facility ID: 41001033  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Misc Services  
SAM Score: 38  
SAM Score Date: 10/27/2006  
Township: 7N  
Range: 12W  
Section: 25  
Quarter: SW  
Quarter/Quarter: NE  
Pollutants: 1,1,1 TCA; 1,1 DCA; 1,2,4 TMB; 1,2 DCB; 1,3,5 TMB; As

BEA:  
Secondary Address: Not reported  
BEA Number: 1209  
District: Grand Rapids  
Date Received: 05/29/2003  
Submitter Name: Grand Valley State University  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: jousmai  
Division Assigned: Environmental Response Division

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEWITT BARRELS INC (Continued)**

**S108488219**

WDS:

Site Id: MID017079393  
WMD Id: 394737  
Site Specific Name: DEWITT BARRELS INC  
Mailing Address: 417 WATSON ST SW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

152  
SSE  
1/2-1  
0.531 mi.  
2803 ft.

**ANHEUSER BUSCH ICEHOUSE - FMR**  
**72 GRANDVILLE AVENUE SW**  
**GRAND RAPIDS, MI 49503**

**PART 201**  
**INVENTORY**  
**BEA**  
**S108488222**  
**N/A**

**Relative:**  
**Higher**

PART 201:

Facility ID: 41001039  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Misc Services  
SAM Score: 36  
SAM Score Date: 01/03/2007  
Township: 7N  
Range: 12W  
Section: 25  
Quarter: SE  
Quarter/Quarter: NW  
Pollutants: 1,1,2 TCA; 1,1 DCE; As; Benzene; PCE; TCE; trans-1,2 DCE

**Actual:**  
**614 ft.**

INVENTORY:

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96118  
Longitude: -85.6732

BEA:

Secondary Address: Not reported  
BEA Number: 1642  
District: Grand Rapids  
Date Received: 07/01/2005  
Submitter Name: Terra Firma Holdings, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2015  
District: Grand Rapids  
Date Received: 01/09/2007  
Submitter Name: Domus Fermentum LLC  
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

**ANHEUSER BUSCH ICEHOUSE - FMR (Continued)**

**S108488222**

Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2204  
District: Grand Rapids  
Date Received: 12/27/2007  
Submitter Name: Red Brick Building LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: heytg  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2205  
District: Grand Rapids  
Date Received: 12/27/2007  
Submitter Name: Grand Rapids Community Foundation  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: heytg  
Division Assigned: Environmental Response Division

Secondary Address: (aka 185 Oakes Street SW)  
BEA Number: 2417  
District: Grand Rapids  
Date Received: 01/05/2009  
Submitter Name: Red Brick Building II Inc  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

153  
NW  
1/2-1  
0.549 mi.  
2898 ft.

4TH STREET NW, 615  
615 4TH STREET NW  
GRAND RAPIDS, MI 49504

DEL PART 201 S106880362  
N/A

Relative:  
Higher

DEL\_PART201:  
Facility ID: 41000995  
Status: Deleted - available documentation does not support listing

Actual:  
612 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

154  
NNE  
1/2-1  
0.563 mi.  
2975 ft.

**AUTOBOND (FORMER)**  
**706 BOND AVE. NW**  
**GRAND RAPIDS, MI 49503**

**INVENTORY** S105144244  
**PART 201** N/A  
**BEA**  
**WDS**

**Relative:**  
**Higher**

**INVENTORY:**

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.97579  
Longitude: -85.6714

**Actual:**  
**615 ft.**

**PART 201:**

Facility ID: 41000791  
**Facility Status: Interim Response conducted**  
Source: Automotive Stamping  
SAM Score: 30  
SAM Score Date: 01/06/2005  
Township: 07N  
Range: 12W  
Section: 24  
Quarter: NE  
Quarter/Quarter: SE  
Pollutants: TCE; Metals

**BEA:**

Secondary Address: Not reported  
BEA Number: 6  
District: Grand Rapids  
Date Received: 09/05/1995  
Submitter Name: H-Z Properties, Inc  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: Same Hazardous Substance(s)  
Determination 20107A: Affirmed  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 20  
District: Grand Rapids  
Date Received: 11/15/1995  
Submitter Name: Optimum Manufacturing INC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: Same Hazardous Substance(s)  
Determination 20107A: Affirmed  
Reviewer: odonneld  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MID982610610  
WMD Id: 401249  
Site Specific Name: GR SPRING & STAMPING INC  
Mailing Address: 706 BOND AVE NW  
Mailing City/State/Zip: 49503

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AUTOBOND (FORMER) (Continued)**

**S105144244**

Mailing County: KENT

155  
 NNW  
 1/2-1  
 0.583 mi.  
 3077 ft.

**JEUP INC**  
**560 5TH ST NW**  
**GRAND RAPIDS, MI 49504**

**DEL PART 201** **S108477236**  
**WDS** **N/A**

Relative:  
 Higher

DEL\_PART201:  
 Facility ID: 41000996  
 Status: Deleted - available documentation does not support listing

Actual:  
 612 ft.

WDS:  
 Site Id: MIR000004069  
 WMD Id: 409679  
 Site Specific Name: JEUP INC  
 Mailing Address: 560 5TH ST NW  
 Mailing City/State/Zip: 49504  
 Mailing County: KENT

156  
 NNW  
 1/2-1  
 0.600 mi.  
 3166 ft.

**5TH STREET NW, 600**  
**600 5TH STREET NW**  
**GRAND RAPIDS, MI 49504**

**DEL PART 201** **S106880364**  
**N/A**

Relative:  
 Higher

DEL\_PART201:  
 Facility ID: 41000997  
 Status: Deleted - available documentation does not support listing

Actual:  
 612 ft.

157  
 NNW  
 1/2-1  
 0.628 mi.  
 3315 ft.

**JOHN WIDDICOMB CO**  
**601 5TH ST NW**  
**GRAND RAPIDS, MI 49504**

**PART 201** **U002301747**  
**INVENTORY** **N/A**  
**DEL PART 201**  
**LUST**  
**UST**  
**BEA**  
**WDS**

Relative:  
 Higher

PART 201:  
 Facility ID: 41000773  
**Facility Status: Interim Response conducted**  
 Source: Not reported  
 SAM Score: 28  
 SAM Score Date: 06/07/2005  
 Township: 07N  
 Range: 12W  
 Section: 24  
 Quarter: SW  
 Quarter/Quarter: NW  
 Pollutants: Fluoranthene; Phenanthrene; Se; Ag

INVENTORY:  
 Bea Number: Not reported  
 Township: Grand Rapids

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN WIDDICOMB CO (Continued)**

**U002301747**

District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.97669  
Longitude: -85.68342

DEL\_PART201:

Facility ID: 41000998  
Status: Deleted - available documentation does not support listing

LUST:

Facility ID: 00038547  
Source: STATE OF MICHIGAN  
Owner Name: John Widdicomb Co  
Owner Address: 601 5th St NW  
Owner City,St,Zip: Grand Rapids, MI 49504-5106  
Owner Contact: Not reported  
Owner Phone: (616) 459-7173  
Country: USA  
District: Grand Rapids District Office  
Site Name: John Widdicomb Company  
Latitude: 42.97610  
Longitude: -85.68306  
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-0434-95  
Release Date: 04/20/1995  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 04/09/1996

UST:

Facility ID: 00038547  
Facility Type: CLOSED  
Owner Name: JOHN WIDDICOMB CO  
Owner Address: 601 5TH ST NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49504-5106  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 459-7173  
Contact: MR CLAIR FRENCH  
Contact Phone: (616) 459-7173  
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  
Latitude: 42.97610  
Longitude: -85.68306

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN WIDDICOMB CO (Continued)**

**U002301747**

Tank ID: 1  
**Tank Status: Removed from Ground**  
Capacity: 550  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 04/13/1995  
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: 120  
Product: Hazardous Substance  
Install Date: Not reported  
Remove Date: 04/13/1995  
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

**BEA:**

Secondary Address: Not reported  
BEA Number: 987  
District: Grand Rapids  
Date Received: 12/17/2001  
Submitter Name: 601 Properties, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: wierzbid  
Division Assigned: Environmental Response Division

**WDS:**

Site Id: MID985648120  
WMD Id: 407500  
Site Specific Name: WIDDICOMB JOHN CO  
Mailing Address: 601 5TH ST NW  
Mailing City/State/Zip: 49504  
Mailing County: KENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

158  
SSE  
1/2-1  
0.680 mi.  
3590 ft.

248 WILLIAMS STREET SW  
248 WILLIAMS STREET SW  
GRAND RAPIDS, MI 49503

INVENTORY  
DEL PART 201  
BEA

S105094848  
N/A

Relative:  
Higher

INVENTORY:

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.95856  
Longitude: -85.67516

Actual:  
642 ft.

DEL\_PART201:

Facility ID: 41001011  
Status: Deleted - available documentation does not support listing

BEA:

Secondary Address: Not reported  
BEA Number: 902  
District: Grand Rapids  
Date Received: 05/22/2001  
Submitter Name: Cardiel Properties LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: whitebl  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2188  
District: Grand Rapids  
Date Received: 11/27/2007  
Submitter Name: 248 Williams LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: monetd  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2748  
District: Grand Rapids  
Date Received: 06/11/2010  
Submitter Name: Founders Brewing Company  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: knoerrp  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2834  
District: Grand Rapids

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**248 WILLIAMS STREET SW (Continued)**

**S105094848**

Date Received: 11/23/2010  
Submitter Name: Canal Street Brewing Co RE LLC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: johnsonn  
Division Assigned: RRD

Secondary Address: Not reported  
BEA Number: 2835  
District: Grand Rapids  
Date Received: 11/23/2010  
Submitter Name: Canal Street Brewing Co LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: johnsonn  
Division Assigned: RRD

159  
NNE  
1/2-1  
0.723 mi.  
3818 ft.

**900-1010 MONROE AVENUE NW  
900-1010 MONROE AVENUE NW  
GRAND RAPIDS, MI**

**DEL PART 201 S104911871  
BEA N/A**

**Relative:  
Higher**

DEL\_PART201:  
Facility ID: 41000941  
Status: Delisted - no longer meets criteria specified in rules

**Actual:  
611 ft.**

BEA:  
Secondary Address: Not reported  
BEA Number: 673  
District: Grand Rapids  
Date Received: 02/24/2000  
Submitter Name: 940 Monroe L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 674  
District: Grand Rapids  
Date Received: 02/24/2000  
Submitter Name: 900 Monroe L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

MAP FINDINGS

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

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<b>160</b> <b>SE</b> <b>1/2-1</b> <b>0.766 mi.</b> <b>4043 ft.</b>	<b>121 SHELDON AVENUE SE</b> <b>121 SHELDON AVE SE</b> <b>GRAND RAPIDS, MI 49503</b>	<b>PART 201</b> <b>INVENTORY</b> <b>BEA</b>	<b>S108228849</b> <b>N/A</b>
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**Relative:** Higher

**Actual:** 650 ft.

PART 201:

Facility ID: 41001028

**Facility Status: Inactive - no actions taken to address contamination**

Source: Automotive Services

SAM Score: 24

SAM Score Date: 05/11/2006

Township: 07N

Range: 11W

Section: 30

Quarter: SW

Quarter/Quarter: NW

Pollutants: As; Benzo(a)pyrene; Pb; PCE

INVENTORY:

Bea Number: Not reported

Township: Grand Rapids

District: Grand Rapids

Data Source: Part 201

Latitude: 42.96023

Longitude: -85.66701

BEA:

Secondary Address: Not reported

BEA Number: 1311

District: Grand Rapids

Date Received: 11/19/2003

Submitter Name: LaGrave Youth Ministries

Petition Determination: Affirmed

Petition Disclosure: 1

Category: No Hazardous Substance(s)

Determination 20107A: No Request

Reviewer: monetd

Division Assigned: Environmental Response Division

<b>161</b> <b>SSE</b> <b>1/2-1</b> <b>0.784 mi.</b> <b>4139 ft.</b>	<b>DETREX CHEMICAL</b> <b>312 ELLSWORTH AVE SW</b> <b>GRAND RAPIDS, MI 49503</b>	<b>RCRA-TSDF</b> <b>CERC-NFRAP</b> <b>CORRACTS</b> <b>RCRA NonGen / NLR</b> <b>INVENTORY</b> <b>PART 201</b> <b>BEA</b> <b>Financial Assurance</b> <b>WDS</b>	<b>1000356945</b> <b>MID020906764</b>
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**Relative:** Higher

**Actual:** 629 ft.

RCRA-TSDF:

Date form received by agency: 04/22/2006

Facility name: DETREX CHEMICAL

Facility address: 312 ELLSWORTH AVE SW  
GRAND RAPIDS, MI 49503

EPA ID: MID020906764

Mailing address: PO BOX 5111  
SOUTHFIELD, MI 48086

Contact: WILL ROBRECHT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Contact address: 312 ELLSWORTH AVE SW  
GRAND RAPIDS, MI 49503  
Contact country: US  
Contact telephone: (313) 358-5800  
Contact email: Not reported  
EPA Region: 05  
Land type: Other land type  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 04/23/2006  
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
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: 04/23/2006  
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

**Historical Generators:**

Date form received by agency: 03/01/2006  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Date form received by agency: 04/06/2001  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

Date form received by agency: 12/01/1998  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

Date form received by agency: 12/01/1998  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

Date form received by agency: 09/12/1995  
Site name: DETREX CHEMICAL  
Classification: Large Quantity Generator

Date form received by agency: 03/09/1990  
Site name: DETREX CORPORATION- SOLVENTS DIVISION  
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

Date form received by agency: 07/11/1980  
Site name: DETREX CHEMICAL  
Classification: Not a generator, verified

**Hazardous Waste Summary:**

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

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

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

Waste code: D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

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

Waste code: 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.

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**Corrective Action Summary:**

Event date: 12/31/1993  
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 03/31/1994  
Event: Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 09/10/1999  
Event: RFI Imposition, Focused data collection required for stabilization evaluation.

Event date: 09/10/1999  
Event: RFI Workplan Approved

Event date: 12/02/1999  
Event: RFI Supplemental Information Received

Event date: 12/21/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Event: RFI Supplemental Information Deemed Satisfactory  
Event date: 01/09/2004  
Event: RFI Report Received  
Event date: 05/01/2009  
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: State Statute or Regulation  
Date violation determined: 12/18/2001  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/18/2001  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Transporters - General  
Date violation determined: 12/08/1994  
Date achieved compliance: 12/20/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/14/1994  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 09/21/1990  
Date achieved compliance: 10/05/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/21/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 08/16/1990  
Date achieved compliance: 10/09/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Enforcement action date: 08/16/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: LDR - General  
Date violation determined: 02/09/1990  
Date achieved compliance: 02/26/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/12/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - Financial Requirements  
Date violation determined: 07/24/1989  
Date achieved compliance: 10/30/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/27/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 04/17/1989  
Date achieved compliance: 11/28/1989  
Violation lead agency: State  
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER  
Enforcement action date: 10/11/1989  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: 3000  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 04/17/1989  
Date achieved compliance: 11/28/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/18/1989

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 06/13/1988  
Date achieved compliance: 07/07/1988  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/14/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 03/19/2014  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/02/2013  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/17/2013  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/03/2012  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/07/2010  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/30/2010  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Evaluation date: 08/18/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/05/2007  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/07/2006  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/30/2004  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/30/2003  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/20/2002  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/18/2001  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: State Statute or Regulation  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/04/2001  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/27/2000  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 02/10/2000  
Evaluation: CORRECTIVE ACTION COMPLIANCE EVALUATION  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/23/1999  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/16/1998  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/16/1997  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/15/1996  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/07/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/08/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Transporters - General  
Date achieved compliance: 12/20/1994  
Evaluation lead agency: State

Evaluation date: 12/03/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/08/1993  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 05/11/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Evaluation date: 01/17/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/16/1991  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/07/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/08/1990  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/05/1990  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/21/1990  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 10/05/1990  
Evaluation lead agency: State

Evaluation date: 08/16/1990  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 10/09/1990  
Evaluation lead agency: State

Evaluation date: 02/09/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: LDR - General  
Date achieved compliance: 02/26/1990  
Evaluation lead agency: State

Evaluation date: 10/30/1989  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/23/1989  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/24/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 10/30/1989  
Evaluation lead agency: State

Evaluation date: 04/17/1989  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: TSD - General  
Date achieved compliance: 11/28/1989  
Evaluation lead agency: State

Evaluation date: 03/23/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/20/1988  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/13/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 07/07/1988  
Evaluation lead agency: State

**CERC-NFRAP:**

Site ID: 0505712  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: Deferred to RCRA

**CERCLIS-NFRAP Site Alias Name(s):**

Alias Name: DETREX CHEMICAL INDUSTRIES INC  
Alias Address: Not reported  
MI

**Program Priority:**

Description: Great Lakes

**CERCLIS-NFRAP Assessment History:**

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 01/06/89  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 01/12/94

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Priority Level: Deferred to RCRA (Subtitle C)

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 10/12/90  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: DISCOVERY  
Date Started: / /  
Date Completed: 01/15/88  
Priority Level: Not reported

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 12/18/95  
Priority Level: Not reported

**CORRACTS:**

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 20090501  
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19991202  
Action: CA160 - RFI Supplemental Information Received  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 20040109  
Action: CA190 - RFI Report Received  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19990910  
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation  
NAICS Code(s): 325132

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19990910  
Action: CA150 - RFI Workplan Approved  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19991221  
Action: CA170 - RFI Supplemental Information Deemed Satisfactory  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: 20000107  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19931231  
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: MID020906764  
EPA Region: 05  
Area Name: ENTIRE FACILITY  
Actual Date: 19940331  
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations  
NAICS Code(s): 325132  
Synthetic Organic Dye and Pigment Manufacturing  
Original schedule date: Not reported  
Schedule end date: Not reported

**INVENTORY:**

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.95622  
Longitude: -85.67372

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DETREX CHEMICAL (Continued)**

**1000356945**

PART 201:

Facility ID: 41000112  
**Facility Status: Interim Response in progress**  
Source: Chemicals and Allied Products  
SAM Score: 31  
SAM Score Date: 05/31/1991  
Township: 07N  
Range: 12W  
Section: 25  
Quarter: SE  
Quarter/Quarter: SW  
Pollutants: TCE

BEA:

Secondary Address: Not reported  
BEA Number: 422  
District: Grand Rapids  
Date Received: 07/17/1998  
Submitter Name: The Big Event  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: Affirmed  
Reviewer: whitebl  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 425  
District: Grand Rapids  
Date Received: 07/17/1998  
Submitter Name: Neumann & Line, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: moyerr  
Division Assigned: Environmental Response Division

MI Financial Assurance 1:

EPA ID: MID020906764  
Region: 1  
Mechanism Type: Letter of Credit  
Total Amount: \$135,866.68

WDS:

Site Id: MID020906764  
WMD Id: 395232  
Site Specific Name: DETREX CORP  
Mailing Address: PO BOX 5111  
Mailing City/State/Zip: 48086  
Mailing County: OAKLAND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

162  
North  
1/2-1  
0.792 mi.  
4183 ft.

AMERICAN SEATING CO  
901 BROADWAY AVE NW  
GRAND RAPIDS, MI 49504

PART 201  
INVENTORY  
LUST  
UST

U002171813  
N/A

Relative:  
Higher

PART 201:

Facility ID: 41000148  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Misc Manufacturing Industries  
SAM Score: 27  
SAM Score Date: 10/12/2005  
Township: 7N  
Range: 12W  
Section: 24  
Quarter: NW  
Quarter/Quarter: SE  
Pollutants: Methylene chloride; VC

Actual:  
611 ft.

INVENTORY:

Bea Number: 201403723GR  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: BEA  
Latitude: 42.98023  
Longitude: -85.68066

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.98023  
Longitude: -85.68066

LUST:

Facility ID: 00007898  
Source: STATE OF MICHIGAN  
Owner Name: American Seating Co  
Owner Address: 901 Broadway Ave NW  
Owner City,St,Zip: Grand Rapids, MI 49504-4414  
Owner Contact: Not reported  
Owner Phone: (616) 456-0600  
Country: USA  
District: Grand Rapids District Office  
Site Name: American Seating Company  
Latitude: 42.97939  
Longitude: -85.67942  
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-0525-92  
Release Date: 04/15/1992  
Substance Released: Unknown,Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SEATING CO (Continued)

U002171813

Release Status: Closed  
Release Closed Date: 08/08/1996

Leak Number: C-1242-90  
Release Date: 07/12/1990  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 08/08/1996

UST:

Facility ID: 00007898  
Facility Type: CLOSED  
Owner Name: AMERICAN SEATING CO  
Owner Address: 901 BROADWAY AVE NW  
Owner City,St,Zip: GRAND RAPIDS, MI 49504-4414  
Owner Country: USA  
Owner Contact: Not reported  
Owner Phone: (616) 456-0600  
Contact: GARY ENGERSON  
Contact Phone: (616) 732-6650  
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  
Latitude: 42.97939  
Longitude: -85.67942

Tank ID: 1  
**Tank Status:** Closed in Ground  
Capacity: 10000  
Product: NAPHA,Hazardous Substance  
Install Date: 03/25/1949  
Remove Date: 02/01/1984  
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: 2  
**Tank Status:** Closed in Ground  
Capacity: 10000  
Product: Hazardous Substance  
Install Date: 03/25/1949  
Remove Date: 02/01/1984  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SEATING CO (Continued)

U002171813

Tank ID: 3  
**Tank Status:** **Closed in Ground**  
Capacity: 10000  
Product: Hazardous Substance  
Install Date: 03/25/1949  
Remove Date: 02/01/1984  
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: 4  
**Tank Status:** **Closed in Ground**  
Capacity: 10000  
Product: Hazardous Substance  
Install Date: 03/25/1949  
Remove Date: 02/01/1984  
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: 5  
**Tank Status:** **Closed in Ground**  
Capacity: 500  
Product: Gasoline  
Install Date: 03/25/1946  
Remove Date: 04/01/1988  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: 6  
**Tank Status:** **Removed from Ground**  
Capacity: 1000  
Product: Gasoline  
Install Date: Not reported  
Remove Date: 10/01/1987  
Tank Release Detection: Not reported  
Pipe Realease Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

Tank ID: 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SEATING CO (Continued)

U002171813

**Tank Status:** Removed from Ground  
Capacity: 5000  
Product: PAINT  
Install Date: 03/26/1959  
Remove Date: 10/01/1987  
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:** Removed from Ground  
Capacity: 4000  
Product: PAINT  
Install Date: 03/26/1959  
Remove Date: 04/01/1988  
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: 9  
**Tank Status:** Removed from Ground  
Capacity: 2000  
Product: Not reported  
Install Date: 03/25/1957  
Remove Date: 03/01/1988  
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: 10  
**Tank Status:** Removed from Ground  
Capacity: 2000  
Product: Not reported  
Install Date: 03/25/1957  
Remove Date: 04/01/1988  
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: 11  
**Tank Status:** Removed from Ground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SEATING CO (Continued)

U002171813

Capacity: 3000  
Product: Not reported  
Install Date: 03/25/1957  
Remove Date: 04/01/1988  
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

Tank ID: 12  
**Tank Status: Removed from Ground**  
Capacity: 3000  
Product: Not reported  
Install Date: 03/25/1957  
Remove Date: 04/01/1988  
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

Tank ID: 13  
**Tank Status: Removed from Ground**  
Capacity: 1070  
Product: FLOW THROUGH/WATER  
Install Date: 03/25/1952  
Remove Date: 05/04/1992  
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

Tank ID: 14  
**Tank Status: Removed from Ground**  
Capacity: 500  
Product: Hazardous Substance  
Install Date: Not reported  
Remove Date: 07/25/1990  
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

Tank ID: 15  
**Tank Status: Removed from Ground**  
Capacity: 500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN SEATING CO (Continued)

U002171813

Product: Gasoline  
Install Date: Not reported  
Remove Date: 04/29/1992  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Bare Steel  
Piping Type: Suction: Valve at Tank  
Construction Material: Asphalt Coated or Bare Steel  
Impressed Device: No

163  
SW  
1/2-1  
0.844 mi.  
4455 ft.

818 BUTTERWORTH ST. NW  
818 BUTTERWORTH ST. NW  
GRAND RAPIDS, MI 49504

PART 201  
INVENTORY  
BEA  
S108414446  
N/A

Relative:  
Higher

PART 201:  
Facility ID: 41001052  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Not reported  
SAM Score: 21  
SAM Score Date: 05/04/2007  
Township: 7N  
Range: 12W  
Section: 26  
Quarter: SE  
Quarter/Quarter: SE  
Pollutants: Pb

Actual:  
617 ft.

INVENTORY:

Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.95797  
Longitude: -85.68833

BEA:

Secondary Address: Not reported  
BEA Number: 1993  
District: Grand Rapids  
Date Received: 12/20/2006  
Submitter Name: BSG Group LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 1994  
District: Grand Rapids  
Date Received: 12/20/2006  
Submitter Name: Plainfield Floral and Gift Shoppe Inc  
Petition Determination: No Request  
Petition Disclosure: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**818 BUTTERWORTH ST. NW (Continued)**

**S108414446**

Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2072  
District: Grand Rapids  
Date Received: 04/26/2007  
Submitter Name: BSG Group, LLC  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: No Hazardous Substance(s)  
Determination 20107A: Affirmed  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

Secondary Address: Not reported  
BEA Number: 2509  
District: Grand Rapids  
Date Received: 06/30/2009  
Submitter Name: BSG II Group, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: RRD

164  
South  
1/2-1  
0.844 mi.  
4457 ft.

**MICHCON COAL GASIFICATION PLANT (MGP)**  
**440 WEALTHY STREET**  
**GRAND RAPIDS, MI 49505**

**PART 201** S105144217  
**INVENTORY** N/A  
**AUL**

**Relative:**  
**Higher**

PART 201:  
Facility ID: 41000046  
**Facility Status: Interim Response in progress**  
Source: Gas Production & Distribution  
SAM Score: 38  
SAM Score Date: 02/01/2005  
Township: 07N  
Range: 12W  
Section: 36  
Quarter: NW  
Quarter/Quarter: NE  
Pollutants: Ba; Benzene; CN; Ethylbenzene; Pb; Phenol; Toluene; Xylenes

**Actual:**  
**611 ft.**

INVENTORY:  
Bea Number: Not reported  
Township: Walker  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.95622  
Longitude: -85.67895

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MICHCON COAL GASIFICATION PLANT (MGP) (Continued)**

**S105144217**

**AUL:**

Status: Recorded  
 Site Name: MichCon Coal Gasification Plant (MGP)  
 Property: Consumers Energy (MichCon) - Wealthy St (IRAP)  
 Land Use Restriction Type: RC  
 Program Type: Part 201  
 Program Support Assigned User: Nicholas Ekel  
 Program Support Assigned Date: 09/24/2010  
 Legal Description Of Property: Site Address  
 Based On The Deq Ref #: 11220101003  
 MDEQ Reference Number: RC-ERD-01-003  
 Property Or Description Restricted Area: Migrated  
 Lead Division: ERD  
 File Name Of Hyperlinked Legal Doc: U:\KERMIT\11220101003.PDF  
 Mapped Polygons Area In Acres: 1.3472  
 Mapped Polygons Area In Square Miles: 2.0999999999999999E-3  
 Date Data Entry Started: 04/22/2011  
 Date Data Entry Finished: 04/22/2011  
 Individual Or Staff Assoc With The Mapping: Nicholas Ekel  
 Program Used To Map Restricted Features: ArcINFo 9.3 & IcoMAP 4.2  
 Date Legal Paperwork Stamped/Filed/Register Of Deeds: 08/30/2001  
 Commercial I Land Use Restriction: 0  
 Commercial Ii Land Use Restriction: 0  
 Commercial Iii Land Use Restriction: 0  
 Commercial Iv Land Use Restriction: 0  
 Industrial Land Use Restriction: 1  
 Residential Land Use Restriction: 0  
 Recreational Land Use Restriction: 0  
 Multiple Land-Use Restrictions: 0  
 Site Specific Restrictions: 0  
 Groundwater Consumption Restrictions: 1  
 Groundwater Contact Restrictions: 0  
 Special Well Construction Requirements: 0  
 Special Building Restrictions: 0  
 Excavation And Soil Movement Restrictions: 0  
 Soil Movement Requirements: 0  
 There Is A Restriction On All Construction: 0  
 Monitoring Well Protected, No Tampering Or Removal: 0  
 There Is An Exposure Barrier In Place: 1  
 There Is A Health And Safety Plan: 0  
 There Is A Permanent Marker On The Site: 0  
 Map Comments: 20100924 - LRUR is NOT mapped in KERMIT - Nick Ekel  
 mapped in KERMIT - Nick Ekel  
 Comment: Not reported

165  
 South  
 1/2-1  
 0.853 mi.  
 4503 ft.

**GRATA BUS GARAGE**  
**333 WEALTHY ST. SW**  
**GRAND RAPIDS, MI 49503**

**DEL PART 201**    **S110530763**  
**AUL**        **N/A**  
**AIRS**  
**WDS**

**Relative:**  
**Higher**

DEL\_PART201:  
 Facility ID: 41000492  
 Status: Delisted - no longer meets criteria specified in rules

**Actual:**  
**625 ft.**

**AUL:**  
 Status: Recorded

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRATA BUS GARAGE (Continued)**

**S110530763**

Site Name: Not reported  
Property: Grand Rapids Area Transit Authority  
Land Use Restriction Type: RC  
Program Type: Part 213  
Program Support Assigned User: Nicholas Swartz  
Program Support Assigned Date: 06/17/2009  
Legal Description Of Property: Migrated  
Based On The Deq Ref #: 11121304416  
MDEQ Reference Number: RC-RRD-213-04-416  
Property Or Description Restricted Area: Migrated  
Lead Division: STD  
File Name Of Hyperlinked Legal Doc: U:\kermi\11121304416.pdf  
Mapped Polygons Area In Acres: 4.8114999999999997  
Mapped Polygons Area In Square Miles: 7.4999999999999997E-3  
Date Data Entry Started: 06/17/2009  
Date Data Entry Finished: 06/17/2009  
Individual Or Staff Assoc With The Mapping: Nicholas Swartz  
Program Used To Map Restricted Features: ArcInfo 9.3 and IcoMap 4.2  
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 05/12/1999  
Commercial I Land Use Restriction: 0  
Commercial Ii Land Use Restriction: 0  
Commercial Iii Land Use Restriction: 0  
Commercial Iv Land Use Restriction: 0  
Industrial Land Use Restriction: 0  
Residential Land Use Restriction: 0  
Recreational Land Use Restriction: 0  
Multiple Land-Use Restrictions: 0  
Site Specific Restrictions: 1  
Groundwater Consumption Restrictions: 0  
Groundwater Contact Restrictions: 0  
Special Well Construction Requirements: 0  
Special Building Restrictions: 0  
Excavation And Soil Movement Restrictions: 0  
Soil Movement Requirements: 0  
There Is A Restriction On All Construction: 0  
Monitoring Well Protected, No Tampering Or Removal: 0  
There Is An Exposure Barrier In Place: 1  
There Is A Health And Safety Plan: 0  
There Is A Permanent Marker On The Site: 0  
Map Comments: Land restriction has not been mapped in kermi as of January 3, 2008.LUR is mapped in KERMIT as of 20090617 - Nick Swartz  
Comment: Request received on 7/6/2004

**AIRS:**

State Registration Number: N3784  
Naics Code: Not reported  
Contact Name: BARTON PICKELMAN  
Contact Phone: 6169498883  
Contact Address: GZA GEOENVIRONMENTAL, INC.  
Contact Address 2: 741 BELTLINE, NE  
Contact City,St,Zip: GRAND RAPIDS, MI 49506  
Permit Number: 187-93  
Date Received: 03/02/1993  
State Registration Number: N3784  
Country: Not reported  
Application Reason: PAINT SPRAY BOOTH EXISTING SOURCE  
Record Type: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRATA BUS GARAGE (Continued)**

**S110530763**

State County FIPS:	Not reported
Facility Category:	Not reported
SIC Primary:	Not reported
Tribal Code:	Not reported
Supplemental Location Text:	Not reported
Dun & Brad Street Number:	Not reported
Business Name:	Not reported
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:	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
Compliance Area Code:	Not reported
Compliance Phone Number:	Not reported
Emission Inventory Contact Person:	Not reported
EI Contact Area Code:	Not reported
EI Contact Phone Number:	Not reported
Permit Contact Person:	Not reported
Permit Contact Person Area Code:	Not reported
Permit Contact Person Phone Number:	Not reported
Federal Employer Id Number:	Not reported
# Of Employees:	Not reported
Reporting Year:	Not reported
Date Record Was Created:	Not reported

WDS:

Site Id:	MID020896791
WMD Id:	395212
Site Specific Name:	INTERURBAN TRANSIT PARTNERSHIP
Mailing Address:	333 WEALTHY ST SW
Mailing City/State/Zip:	49503
Mailing County:	KENT

166  
 South  
 1/2-1  
 0.872 mi.  
 4602 ft.

**GRAND RAPIDS GASLIGHT CO**  
**WEALTHY STREET ANNEX**  
**GRAND RAPIDS, MI 49503**

**EDR MGP 1008408110**  
**N/A**

**Relative:**  
**Higher**

Manufactured Gas Plants:  
 Alternate Name: MICHIGAN CONSOLIDATED GAS CO. No additional information available

**Actual:**  
**609 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

167  
SE  
1/2-1  
0.895 mi.  
4724 ft.

245 STATE ST SE  
241 STATE ST SE  
GRAND RAPIDS, MI 49503

INVENTORY S108632568  
PART 201 N/A

Relative:  
Higher

INVENTORY:  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96108  
Longitude: -85.66259

Actual:  
662 ft.

PART 201:  
Facility ID: 41001043  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Not reported  
SAM Score: 33  
SAM Score Date: 02/27/2007  
Township: 7N  
Range: 11W  
Section: 30  
Quarter: SW  
Quarter/Quarter: NE  
Pollutants: 1,2,4 TMB; 1,3,5 TMB; As; Benzene; Benzo(a)pyrene; Ethylbenzene; Fluoranthene; Pb; Naphthalene; Phenanthrene; PCE; Toluene; Xylenes

168  
SSW  
1/2-1  
0.917 mi.  
4843 ft.

449 MARKET AVE SW  
449 MARKET AVE SW  
GRAND RAPIDS, MI 49500

PART 201 S108632574  
INVENTORY N/A  
BEA

Relative:  
Lower

PART 201:  
Facility ID: 41001050  
**Facility Status: Inactive - no actions taken to address contamination**  
Source: Not reported  
SAM Score: 38  
SAM Score Date: 05/02/2007  
Township: 7N  
Range: 12W  
Section: 36  
Quarter: NW  
Quarter/Quarter: NE  
Pollutants: AI

Actual:  
602 ft.

INVENTORY:  
Bea Number: Not reported  
Township: Walker  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.9553  
Longitude: -85.68151

BEA:  
Secondary Address: Not reported  
BEA Number: 1828

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**449 MARKET AVE SW (Continued)**

**S108632574**

District: Grand Rapids  
Date Received: 05/09/2006  
Submitter Name: Marceco Limited  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: No Hazardous Substance(s)  
Determination 20107A: No Request  
Reviewer: pawlosj2  
Division Assigned: Environmental Response Division

**169**  
**SW**  
**1/2-1**  
**0.925 mi.**  
**4883 ft.**

**BUTTERWORTH AVE. AREA CONTAM.**  
**900-1200 BUTTERWORTH AVE SW**  
**GRAND RAPIDS, MI 49504**

**INVENTORY** **S103594353**  
**PART 201** **N/A**

**Relative:**  
**Higher**

**INVENTORY:**  
Bea Number: Not reported  
Township: Grand Rapids  
District: Grand Rapids  
Data Source: Part 201  
Latitude: 42.96048  
Longitude: -85.69796

**Actual:**  
**617 ft.**

**PART 201:**  
Facility ID: 41000808  
**Facility Status: Interim Response in progress**  
Source: Unknown  
SAM Score: 35  
SAM Score Date: 12/20/2004  
Township: 07N  
Range: 11W  
Section: 35  
Quarter: NE  
Quarter/Quarter: NW  
Pollutants: TCE; PNAs

**AQ170**  
**South**  
**1/2-1**  
**0.927 mi.**  
**4893 ft.**

**MICHCON COAL GASIFICATION PLANT**  
**440 WEALTHY STREET**  
**GRAND RAPIDS, MI 49505**

**EDR MGP** **1012008480**  
**N/A**

**Site 1 of 2 in cluster AQ**

**Relative:**  
**Higher**

Manufactured Gas Plants:  
No additional information available

**Actual:**  
**604 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AQ171**  
**South**  
**1/2-1**  
**0.927 mi.**  
**4896 ft.**

**GRAND RAPIDS GASLIGHT CO**  
**WEALTHY STREET**  
**GRAND RAPIDS, MI 49503**

**EDR MGP**    **1008408109**  
**N/A**

**Site 2 of 2 in cluster AQ**

**Relative:**  
**Higher**

Manufactured Gas Plants:

Alternate Name: MICHIGAN CONSOLIDATED GAS CO. An MGP operated at the site from 1884 to 1940. Three methods of gas production were employed at different stages of operation at the plant. The plant was dismantled in 1958

**Actual:**  
**604 ft.**

**172**  
**SSW**  
**1/2-1**  
**0.946 mi.**  
**4997 ft.**

**ABLE FINISHING COMPANY**  
**343 STRAIGHT ST. SW**  
**GRAND RAPIDS, MI 49594**

**INVENTORY**    **S105144204**  
**PART 201**        **N/A**  
**BROWNFIELDS**  
**WDS**

**Relative:**  
**Higher**

INVENTORY:

Bea Number:    Not reported  
Township:       Grand Rapids  
District:        Grand Rapids  
Data Source:    Part 201  
Latitude:        42.95654  
Longitude:      -85.68761

**Actual:**  
**608 ft.**

PART 201:

Facility ID:            41000001  
**Facility Status:**    **Interim Response conducted - No further activities anticipated**  
Source:                Plating & Polishing  
SAM Score:            38  
SAM Score Date:      08/23/2004  
Township:            07N  
Range:                 12W  
Section:                25  
Quarter:                NW  
Quarter/Quarter:     NW  
Pollutants:            Cr+3; Pb; Mn; Heavy mfg

BROWNFIELD:

Facility ID:            Not reported  
Region:                1  
Status:                 Not reported  
Property Use:         Not reported  
Use at Time of Listing: Not reported  
BEA:                    No  
Ernie Id Number:     41000001

WDS:

Site Id:                 MID079278115  
WMD Id:                397304  
Site Specific Name:    REMEDIATION& REDEVELOPMENT DIV/ABLE FINISHING  
Mailing Address:      343 STRAIGHT AVE SW  
Mailing City/State/Zip: 49504  
Mailing County:        KENT

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

173  
 SW  
 1/2-1  
 0.957 mi.  
 5054 ft.

**CONSUMERS ENERGY**  
**WEALTHY STREET EXTENSION**  
**GRAND RAPIDS, MI 49503**

**INVENTORY**    **S110126679**  
**PART 201**        **N/A**

**Relative:**  
**Higher**

**INVENTORY:**

Bea Number:    Not reported  
 Township:       Walker  
 District:        Grand Rapids  
 Data Source:    Part 201  
 Latitude:        42.95689  
 Longitude:      -85.68794

**Actual:**  
**609 ft.**

**PART 201:**

Facility ID:            41000962  
**Facility Status:**    **Inactive - no actions taken to address contamination**  
 Source:                Not reported  
 SAM Score:            35  
 SAM Score Date:      04/25/2006  
 Township:              07N  
 Range:                 12W  
 Section:                35  
 Quarter:                NE  
 Quarter/Quarter:     NE  
 Pollutants:            As; Benzo(a)pyrene; Cr+3; Pb

Count: 3 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
GRAND RAPIDS	S109029665	FORMER KOCH MATERIALS COMPANY	566 & 570 MARKET AVENUE SW	49503	PART 201, BEA
GRAND RAPIDS	1003871852	MICHIGAN CONSOLIDATED WEALTHY ST A	MARKET & GODFREY STS	49503	CERC-NFRAP
GRAND RAPIDS	S103085176	68TH. ST. & DIVISION AREA	68TH. STREET AND DIVISION AREA		PART 201, DEL PART 201

# 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: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	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: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	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: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/20/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/16/2015
	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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/16/2015
	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: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/17/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/02/2015
	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: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 12/29/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

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

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

Date of Government Version: N/A	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/31/2013	Telephone: 517-284-5103
Date Made Active in Reports: 11/20/2013	Last EDR Contact: 10/27/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: No Update Planned

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/30/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/01/2014	Telephone: 517-335-4035
Date Made Active in Reports: 10/17/2014	Last EDR Contact: 12/30/2014
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Semi-Annually

## 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: 08/01/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 08/19/2014	Telephone: 517-373-9837
Date Made Active in Reports: 09/03/2014	Last EDR Contact: 11/17/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Annually

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 11/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 12	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### 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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 12/09/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Semi-Annually

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/31/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

## 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: 11/04/2014	Source: EPA Region 8
Date Data Arrived at EDR: 11/07/2014	Telephone: 303-312-6271
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/09/2015
	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: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014	Source: EPA Region 6
Date Data Arrived at EDR: 10/29/2014	Telephone: 214-665-6597
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 19	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### **State and tribal registered storage tank lists**

#### UST 2: Underground Storage Tank Listing

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

Date of Government Version: 10/28/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/29/2014	Telephone: 517-335-7211
Date Made Active in Reports: 12/01/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 05/04/2015
	Data Release Frequency: Annually

#### 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: 12/02/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 12/04/2014	Telephone: 517-335-4035
Date Made Active in Reports: 01/19/2015	Last EDR Contact: 11/17/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Annually

#### AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2014  
Date Data Arrived at EDR: 12/12/2014  
Date Made Active in Reports: 01/19/2015  
Number of Days to Update: 38

Source: Dept of Environmental Quality  
Telephone: 517-373-8168  
Last EDR Contact: 11/17/2014  
Next Scheduled EDR Contact: 03/02/2015  
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: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 11/03/2014  
Date Data Arrived at EDR: 11/05/2014  
Date Made Active in Reports: 11/17/2014  
Number of Days to Update: 12

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 10/06/2014  
Date Data Arrived at EDR: 10/29/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 8

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Semi-Annually

## 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).

Date of Government Version: 08/20/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 27

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 11/04/2014  
Date Data Arrived at EDR: 11/07/2014  
Date Made Active in Reports: 11/17/2014  
Number of Days to Update: 10

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

## 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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/14/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/31/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

## 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: 05/20/2014  
Date Data Arrived at EDR: 06/10/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/12/2015  
Next Scheduled EDR Contact: 04/27/2015  
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: 09/03/2014  
Date Data Arrived at EDR: 09/03/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 44

Source: Dept of Environmental Quality  
Telephone: 517-373-4828  
Last EDR Contact: 12/01/2014  
Next Scheduled EDR Contact: 03/16/2015  
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: 09/29/2014  
Date Data Arrived at EDR: 10/01/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 36

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/31/2014  
Next Scheduled EDR Contact: 04/13/2015  
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: Dept of Environmental Quality  
Telephone: 517-373-4805  
Last EDR Contact: 10/24/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 11/25/2014  
Next Scheduled EDR Contact: 03/16/2015  
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: 09/22/2014  
Date Data Arrived at EDR: 09/23/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/22/2014  
Next Scheduled EDR Contact: 04/06/2015  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### **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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/24/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: No Update Planned

## 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: Dept of Environmental Quality  
Telephone: 517-335-4034  
Last EDR Contact: 02/28/2003  
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: 07/11/2014  
Date Data Arrived at EDR: 07/11/2014  
Date Made Active in Reports: 08/11/2014  
Number of Days to Update: 31

Source: Dept of Environmental Quality  
Telephone: 517-241-5719  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
Data Release Frequency: Varies

## 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: 10/29/2014  
Next Scheduled EDR Contact: 02/16/2015  
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: 07/25/2014  
Date Data Arrived at EDR: 09/09/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 41

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/25/2014  
Next Scheduled EDR Contact: 03/16/2015  
Data Release Frequency: Quarterly

### INVENTORY: Inventory of Facilities

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 10/27/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/28/2014	Telephone: 517-284-5136
Date Made Active in Reports: 12/01/2014	Last EDR Contact: 10/28/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

### PART 201: Part 201 Site List

A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

Date of Government Version: 10/01/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/03/2014	Telephone: 517-284-5103
Date Made Active in Reports: 10/03/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 0	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: No Update Planned

### DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

Date of Government Version: 08/01/2013	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 08/01/2013	Telephone: 517-373-9541
Date Made Active in Reports: 09/11/2013	Last EDR Contact: 10/27/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008	Source: Department of Community Health
Date Data Arrived at EDR: 11/18/2008	Telephone: 517-373-3740
Date Made Active in Reports: 11/21/2008	Last EDR Contact: 10/27/2014
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/25/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014	Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/25/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/16/2015
	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: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/09/2015
	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: 09/17/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/22/2014	Telephone: 517-241-7603
Date Made Active in Reports: 11/26/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/04/2015
	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: 09/30/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/01/2014	Telephone: 202-366-4555
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 12/30/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

### 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: 09/16/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 09/18/2014	Telephone: 517-373-8427
Date Made Active in Reports: 10/17/2014	Last EDR Contact: 12/05/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/23/2015
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Other Ascertainable Records**

### **RCRA NonGen / NLR: 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: 06/10/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2014	Telephone: 312-886-6186
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 12/29/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/13/2015
	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: 11/04/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/16/2015
	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: 01/15/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/27/2015
	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: 06/06/2014	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/10/2014	Telephone: 202-528-4285
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 12/12/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/23/2015
	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: 12/31/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/24/2014	Telephone: Varies
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 12/24/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Varies

### **ROD: Records Of Decision**

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

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 12/12/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/23/2015
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/26/2014
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Varies

## US 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: 08/05/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/04/2014	Telephone: 303-231-5959
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 12/30/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 03/16/2015
	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: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/26/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/09/2015
	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: 12/22/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/06/2015
	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: 11/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 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: 11/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/27/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/09/2015
	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: 07/31/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/29/2014	Telephone: 202-564-5088
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/16/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 12/04/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 03/23/2015
	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: 10/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/08/2014	Telephone: 202-343-9775
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/20/2015
	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: 08/16/2014	Source: EPA
Date Data Arrived at EDR: 09/10/2014	Telephone: (312) 353-2000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/09/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/23/2015
	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

### RMP: Risk Management Plans

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/2014	Telephone: 202-564-8600
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 86	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### 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.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 11/26/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/09/2015
	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: 10/29/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/30/2014	Telephone: 517-241-1515
Date Made Active in Reports: 12/01/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/24/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 07/25/2014	Telephone: 517-335-4586
Date Made Active in Reports: 08/11/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/04/2015
	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: 10/07/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/08/2014	Telephone: 517-241-1300
Date Made Active in Reports: 10/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 9	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Varies

### AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2014  
Date Data Arrived at EDR: 09/26/2014  
Date Made Active in Reports: 11/19/2014  
Number of Days to Update: 54

Source: Dept of Environmental Quality  
Telephone: 517-373-7074  
Last EDR Contact: 12/18/2014  
Next Scheduled EDR Contact: 04/06/2015  
Data Release Frequency: Varies

## BEA: Baseline Environmental Assessment Database

A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 08/21/2013  
Date Data Arrived at EDR: 08/23/2013  
Date Made Active in Reports: 09/12/2013  
Number of Days to Update: 20

Source: Dept of Environmental Quality  
Telephone: 517-373-9541  
Last EDR Contact: 11/17/2014  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: No Update Planned

## INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/15/2015  
Next Scheduled EDR Contact: 04/27/2015  
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: 11/18/2014  
Next Scheduled EDR Contact: 02/02/2015  
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: 11/14/2014  
Next Scheduled EDR Contact: 02/23/2015  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 01/05/2015  
Next Scheduled EDR Contact: 04/20/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/29/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 04/13/2015
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/15/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: N/A

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 12/23/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 12/23/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Dept of Environmental Quality  
Telephone: 517-335-4034  
Last EDR Contact: 12/29/2014  
Next Scheduled EDR Contact: 04/13/2015  
Data Release Frequency: Varies

## 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: 09/04/2014  
Date Data Arrived at EDR: 09/04/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/11/2014  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: Quarterly

## 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: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/12/2014  
Next Scheduled EDR Contact: 03/23/2015  
Data Release Frequency: Varies

## 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: 10/31/2014  
Next Scheduled EDR Contact: 02/09/2015  
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: 01/15/2015  
Next Scheduled EDR Contact: 04/27/2015  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/14/2014  
Date Data Arrived at EDR: 10/22/2014  
Date Made Active in Reports: 11/26/2014  
Number of Days to Update: 35

Source: Dept of Environmental Quality  
Telephone: 517-335-6610  
Last EDR Contact: 01/05/2015  
Next Scheduled EDR Contact: 04/20/2015  
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: 10/15/2014  
Date Data Arrived at EDR: 10/16/2014  
Date Made Active in Reports: 11/26/2014  
Number of Days to Update: 41

Source: Dept of Environmental Quality  
Telephone: 586-753-3754  
Last EDR Contact: 01/05/2015  
Next Scheduled EDR Contact: 04/20/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/14/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/23/2015
	Data Release Frequency: Quarterly

## 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: 09/10/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 09/11/2014	Telephone: 517-284-6562
Date Made Active in Reports: 10/17/2014	Last EDR Contact: 11/20/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/17/2014  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: No Update Planned

## 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: 01/12/2015  
Next Scheduled EDR Contact: 04/27/2015  
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.

Date of Government Version: 11/01/2014  
Date Data Arrived at EDR: 11/05/2014  
Date Made Active in Reports: 11/24/2014  
Number of Days to Update: 19

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/05/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/21/2014  
Date Made Active in Reports: 08/25/2014  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/19/2015  
Next Scheduled EDR Contact: 05/04/2015  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 08/13/2014  
Number of Days to Update: 29

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/26/2014  
Next Scheduled EDR Contact: 03/09/2015  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 08/07/2014  
Number of Days to Update: 48

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/12/2014  
Next Scheduled EDR Contact: 03/30/2015  
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.

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

## Daycare Centers: 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, 2005 and 2010 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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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

GERALD R. FORD MUSEUM  
303 PEARL STREET, NW  
GRAND RAPIDS, MI 49504

### TARGET PROPERTY COORDINATES

Latitude (North):	42.9684 - 42° 58' 6.24"
Longitude (West):	85.6774 - 85° 40' 38.64"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	607861.9
UTM Y (Meters):	4757939.5
Elevation:	604 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	42085-H6 GRAND RAPIDS WEST, MI
Most Recent Revision:	1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

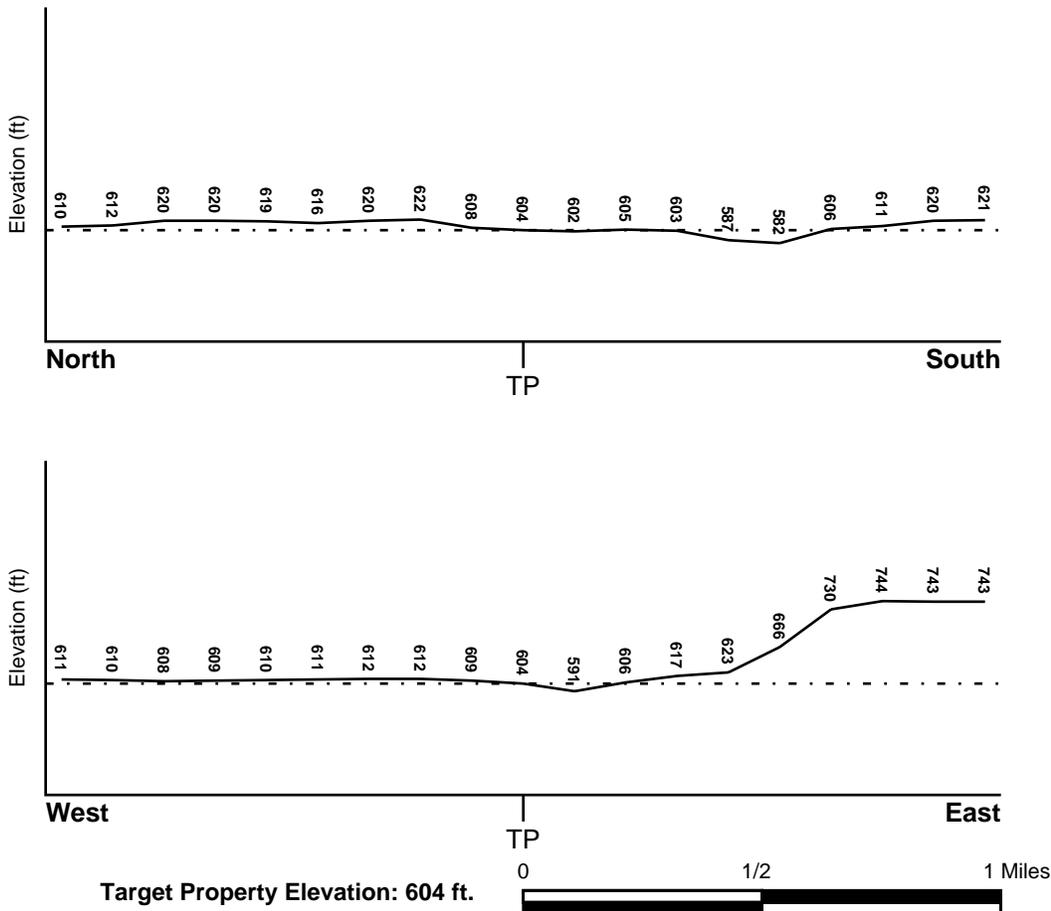
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u> KENT, MI	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
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Flood Plain Panel at Target Property: 2601060020C - FEMA Q3 Flood data

Additional Panels in search area:  
 2601060010C - FEMA Q3 Flood data  
 2601060005C - FEMA Q3 Flood data  
 2601060015C - FEMA Q3 Flood data

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> GRAND RAPIDS WEST	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
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## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile SW	E
A2	1/4 - 1/2 Mile SW	Not Reported
3	1/4 - 1/2 Mile ESE	W
4	1/4 - 1/2 Mile NW	SW
5	1/2 - 1 Mile WNW	ENE
7	1/2 - 1 Mile NE	E
10	1/2 - 1 Mile SSE	S

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
11	1/2 - 1 Mile North	S
12	1/2 - 1 Mile South	W
13	1/2 - 1 Mile SSE	SW
14	1/2 - 1 Mile SSE	SE
15	1/2 - 1 Mile North	W
16	1/2 - 1 Mile WNW	Not Reported
17	1/2 - 1 Mile South	Not Reported
18	1/2 - 1 Mile South	Not Reported
19	1/2 - 1 Mile SSE	WNW
20	1/2 - 1 Mile NNW	Not Reported
21	1/2 - 1 Mile NE	NNE
22	1/2 - 1 Mile East	SW

For additional site information, refer to Physical Setting Source Map Findings.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Paleozoic  
System: Mississippian  
Series: Meramecian Series  
Code: M2 (decoded above as Era, System & Series)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: HOUGHTON

Soil Surface Texture: muck

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly. Soils are wet to the surface most of the time. Depth to water table is less than 1 foot, or is ponded.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	muck	A-8	Highly organic soils, Peat.	Max: 6.00 Min: 0.20	Max: 7.80 Min: 4.50
2	9 inches	66 inches	muck	A-8	Highly organic soils, Peat.	Max: 6.00 Min: 0.20	Max: 7.80 Min: 4.50

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: mucky - sandy loam  
silt loam  
sandy loam  
sapric material

Surficial Soil Types: mucky - sandy loam  
silt loam  
sandy loam  
sapric material

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand  
loam  
clay loam  
coarse sand  
marl  
stratified

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B8	USGS40000484305	1/2 - 1 Mile SSE
B9	USGS40000484304	1/2 - 1 Mile SSE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

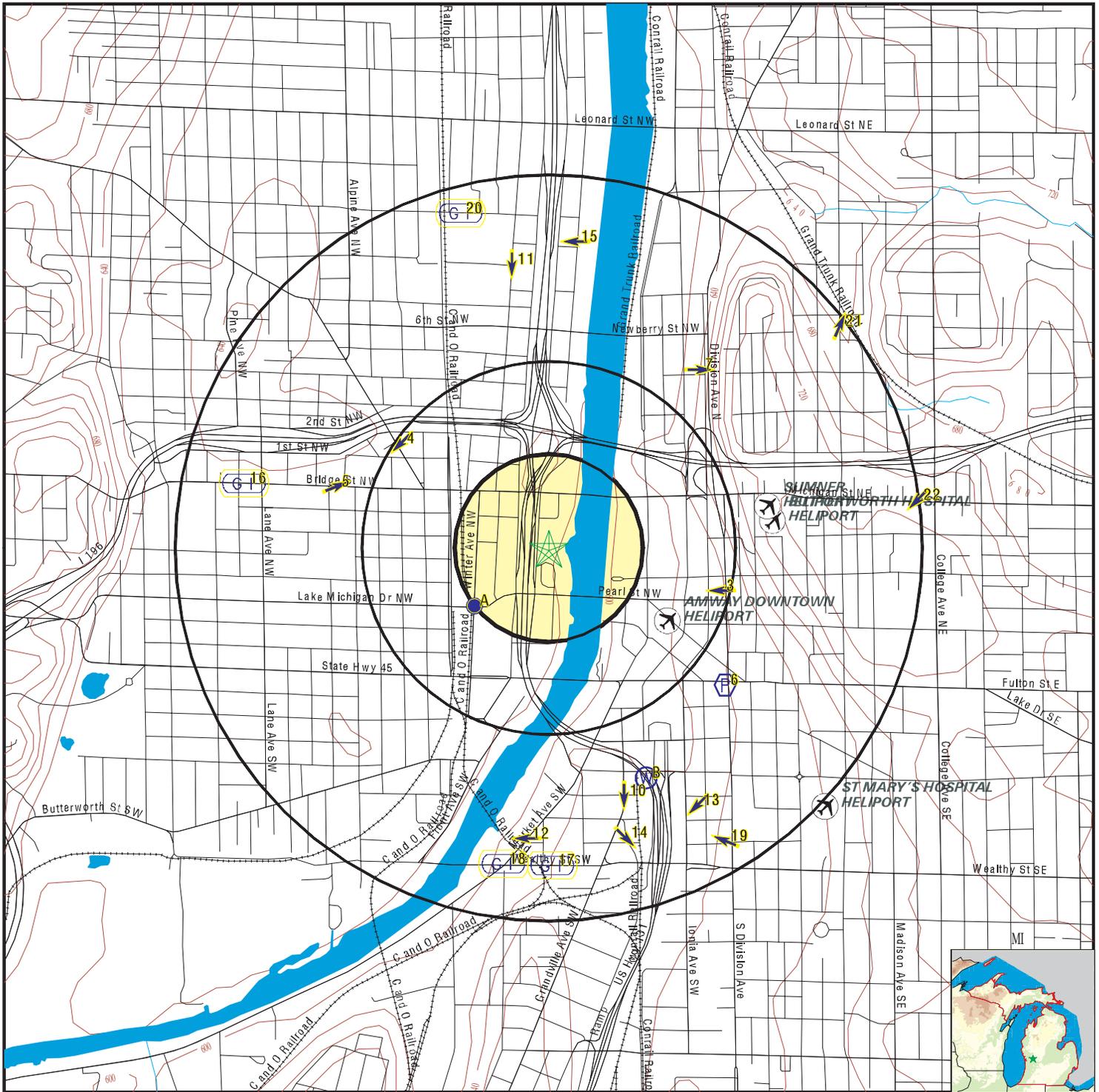
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
6	MI0005370	1/2 - 1 Mile SE

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 4186046.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Gerald R. Ford Museum  
 ADDRESS: 303 Pearl Street, NW  
 Grand Rapids MI 49504  
 LAT/LONG: 42.9684 / 85.6774

CLIENT: AMEC  
 CONTACT: Karen Boulware  
 INQUIRY #: 4186046.2s  
 DATE: January 20, 2015 12:47 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>A1 SW 1/4 - 1/2 Mile Higher</b>	Site ID: 410563 Groundwater Flow: E Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 7 Date: 01/08/1997	<b>AQUIFLOW      28575</b>
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<b>A2 SW 1/4 - 1/2 Mile Higher</b>	Site ID: 0-017835 Groundwater Flow: Not Reported Shallowest Water Table Depth: 3 Deepest Water Table Depth: 5 Average Water Table Depth: Not Reported Date: 06/1990	<b>AQUIFLOW      28090</b>
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<b>3 ESE 1/4 - 1/2 Mile Higher</b>	Site ID: 410883 Groundwater Flow: W Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 19 Date: 11/10/1997	<b>AQUIFLOW      27822</b>
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<b>4 NW 1/4 - 1/2 Mile Higher</b>	Site ID: 410107 Groundwater Flow: SW Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 8 Date: 03/01/1996	<b>AQUIFLOW      27792</b>
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<b>5 WNW 1/2 - 1 Mile Higher</b>	Site ID: 410556 Groundwater Flow: ENE Shallowest Water Table Depth: Not Reported Deepest Water Table Depth: Not Reported Average Water Table Depth: 15 Date: 07/21/1986	<b>AQUIFLOW      28548</b>
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<b>6 SE 1/2 - 1 Mile Higher</b>		<b>FRDS PWS      MI0005370</b>
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Epa region:	05	State:	MI
Pwsid:	MI0005370		
Pwsname:	PLAINFIELD TOWNSHIP		
City served:	Not Reported	State served:	MI
Zip served:	Not Reported	Fips county:	26081
Status:	Active	Pop srvd:	40891
Pwssvconn:	10586	Source:	Groundwater_under_infl_of_surface_water
Pws type:	CWS	Owner:	Local_Govt
Contact:	SOLLE, RICK		
Contactorgname:	SOLLE, RICK		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contact phone:	616-363-9660	Contact address1:	5195 Plainfield Ave., N.E.
Contact address2:	Not Reported	Contact city:	GRAND RAPIDS
Contact state:	MI	Contact zip:	49525
Activity code:	A		

Facid:	5448		
Facname:	TREATMENT PLANT		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	disinfection	Treatment process:	gaseous chlorination, pre
Treatment obj:	disinfection	Treatment process:	gaseous chlorination, post
Treatment obj:	disinfection by-products control	Treatment process:	filtration, rapid sand
Treatment obj:	disinfection by-products control	Treatment process:	coagulation
Treatment obj:	disinfection by-products control	Treatment process:	flocculation
Treatment obj:	disinfection by-products control	Treatment process:	sedimentation
Treatment obj:	disinfection by-products control	Treatment process:	rapid mix
Treatment obj:	other	Treatment process:	fluoridation
Treatment obj:	softening (hardness removal)	Treatment process:	lime - soda ash addition

**Location Information:**

Name:	PLAINFIELD TOWNSHIP		
Pwstypcd:	CWS	Primsrccd:	GU
Poperved:	40891		
Add1:	5195 PLAINFIELD AVE NE		
Add2:	Not Reported		
City:	GRAND RAPIDS	State:	MI
Zip:	49525	Phone:	616-363-9660
Cityserv:	Not Reported	Cntyserv:	Kent
Stateserv:	MI	Zipserv:	Not Reported

**Enforcement Information:**

Violation id:	1	Orig cd:	S
Enf fy:	2007	Enf act date:	06/19/2007
Enf act detail:	St Violation/Reminder Notice	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1	Orig cd:	S
Enf fy:	2007	Enf act date:	04/27/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

**Enforcement Information:**

Violation id:	1	Orig cd:	S
Enf fy:	2007	Enf act date:	06/19/2007
Enf act detail:	St Public Notif requested	Enf act cat:	Informal

**Enforcement Information:**

Violation id:	1	Orig cd:	S
Enf fy:	2008	Enf act date:	10/17/2007
Enf act detail:	St Public Notif received	Enf act cat:	Informal

**Violations Information:**

Violocation id:	1	Orig cd:	S
State:	MI	Viol fy:	2007
Contamcd:	0300		
Contamnm:	IESWTR		
Viol code:	38		
Viol name:	Monitoring, Turbidity (Enhanced SWTR)		
Rule code:	122		
Rule name:	LT1 ESWTR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**CONTACT INFORMATION:**

Name:	PLAINFIELD TOWNSHIP	Population:	28845
Contact:	PETROVICH, DON	Phone:	Not Reported
Address:	5220 Woodfield Ct NE		
Address 2:	GRAND RAPIDS		
	MI, 49 616-3		

<b>7 NE 1/2 - 1 Mile Higher</b>	Site ID:	0-020983	<b>AQUIFLOW</b>	<b>28068</b>
	Groundwater Flow:	E		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	08/18/1997		

<b>B8 SSE 1/2 - 1 Mile Higher</b>			<b>FED USGS</b>	<b>USGS40000484305</b>
	Org. Identifier:	USGS-MI		
	Formal name:	USGS Michigan Water Science Center		
	Monloc Identifier:	USGS-425734085402002		
	Monloc name:	81 GRAND RAPIDS 2		
	Monloc type:	Well		
	Monloc desc:	Not Reported		
	Huc code:	Not Reported	Drainagearea value:	Not Reported
	Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
	Contrib drainagearea units:	Not Reported	Latitude:	42.959471
	Longitude:	-85.672253	Sourcemap scale:	Not Reported
	Horiz Acc measure:	1	Horiz Acc measure units:	minutes
	Horiz Collection method:	Interpolated from map		
	Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
	Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
	Vert accmeasure units:	Not Reported		
	Vertcollection method:	Not Reported		
	Vert coord refsys:	Not Reported	Countrycode:	US
	Aquifername:	Not Reported		
	Formation type:	Not Reported		
Aquifer type:	Not Reported			
Construction date:	Not Reported	Welldepth:	Not Reported	
Welldepth units:	Not Reported	Wellholedepth:	Not Reported	
Wellholedepth units:	Not Reported			

Ground-water levels, Number of Measurements: 0

<b>B9 SSE 1/2 - 1 Mile Higher</b>		<b>FED USGS</b>	<b>USGS40000484304</b>

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-MI		
Formal name:	USGS Michigan Water Science Center		
Monloc Identifier:	USGS-425734085402001		
Monloc name:	81 GRAND RAPIDS 1 (A)		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.959471
Longitude:	-85.672253	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	minutes
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

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<b>10 SSE 1/2 - 1 Mile Higher</b>	Site ID:	410439		
	Groundwater Flow:	S	<b>AQUIFLOW</b>	<b>28398</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	33		
	Date:	04/15/1992		

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<b>11 North 1/2 - 1 Mile Higher</b>	Site ID:	410148		
	Groundwater Flow:	S	<b>AQUIFLOW</b>	<b>27979</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	7 to 11		
	Date:	04/28/1995		

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<b>12 South 1/2 - 1 Mile Higher</b>	Site ID:	0-000671		
	Groundwater Flow:	W	<b>AQUIFLOW</b>	<b>28615</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	20		
	Date:	06/12/1998		

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<b>13 SSE 1/2 - 1 Mile Higher</b>	Site ID:	410149		
	Groundwater Flow:	SW	<b>AQUIFLOW</b>	<b>28633</b>
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	2		
	Date:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
<b>14</b> <b>SSE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	1215		<b>AQUIFLOW</b>	<b>27694</b>
	Groundwater Flow:	SE			
	Shallowest Water Table Depth:	25			
	Deepest Water Table Depth:	30			
	Average Water Table Depth:	Not Reported			
	Date:	03/1991			
<b>15</b> <b>North</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	0-007217		<b>AQUIFLOW</b>	<b>28583</b>
	Groundwater Flow:	W			
	Shallowest Water Table Depth:	Not Reported			
	Deepest Water Table Depth:	Not Reported			
	Average Water Table Depth:	7			
	Date:	01/15/1997			
<b>16</b> <b>WNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	0-006157		<b>AQUIFLOW</b>	<b>27832</b>
	Groundwater Flow:	Not Reported			
	Shallowest Water Table Depth:	Not Reported			
	Deepest Water Table Depth:	12			
	Average Water Table Depth:	Not Reported			
	Date:	02/11/1987			
<b>17</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	410703		<b>AQUIFLOW</b>	<b>27992</b>
	Groundwater Flow:	Not Reported			
	Shallowest Water Table Depth:	Not Reported			
	Deepest Water Table Depth:	Not Reported			
	Average Water Table Depth:	23			
	Date:	02/27/1996			
<b>18</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	410046		<b>AQUIFLOW</b>	<b>28091</b>
	Groundwater Flow:	Not Reported			
	Shallowest Water Table Depth:	12			
	Deepest Water Table Depth:	15			
	Average Water Table Depth:	Not Reported			
	Date:	05/30/1995			
<b>19</b> <b>SSE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	410743		<b>AQUIFLOW</b>	<b>28639</b>
	Groundwater Flow:	WNW			
	Shallowest Water Table Depth:	Not Reported			
	Deepest Water Table Depth:	Not Reported			
	Average Water Table Depth:	25			
	Date:	11/14/1994			
<b>20</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	0-002126		<b>AQUIFLOW</b>	<b>28602</b>
	Groundwater Flow:	Not Reported			
	Shallowest Water Table Depth:	Not Reported			
	Deepest Water Table Depth:	Not Reported			
	Average Water Table Depth:	15			
	Date:	10/31/1990			

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

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<b>21</b> <b>NE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:                                410220 Groundwater Flow:                NNE Shallowest Water Table Depth:   10 Deepest Water Table Depth:       15 Average Water Table Depth:      Not Reported Date:                                        03/27/1998	Database: <b>AQUIFLOW</b>	EDR ID Number: <b>27955</b>
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<b>22</b> <b>East</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:                                0-035197 Groundwater Flow:                SW Shallowest Water Table Depth:   Not Reported Deepest Water Table Depth:      Not Reported Average Water Table Depth:      Not Reported Date:                                        01/28/1993	Database: <b>AQUIFLOW</b>	EDR ID Number: <b>28391</b>
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MI Radon

### Radon Test Results

Zipcode	Test Date	LT Sign	Result
49504	11/23/1998		1.6
49504	2/17/2009		1.6
49504	1/21/2009		1.6
49504	11/5/1998		1.5
49504	10/29/1998		1.5
49504	12/2/1998		1.5
49504	10/31/1998		1.5
49504	2/17/1994		1.5
49504	11/1/1997		1.5
49504	12/14/1998		1.5
49504	11/28/1998		1.5
49504	5/8/2002		1.5
49504	2/28/2008		1.6
49504	2/19/2007		1.6
49504	5/9/2008		1.6
49504	4/4/2007		1.6
49504	9/8/2000		1.6
49504	5/18/2001		1.6
49504	3/30/2009		1.6
49504	2/7/2009		1.6
49504	2/9/2007		1.5
49504	2/6/2007		1.5
49504	2/27/2006		1.5
49504	6/21/2007		1.5
49504	4/24/2007		1.5
49504	5/8/2008		1.5
49504	4/20/1999		1.5
49504	1/22/2002		1.5
49504	2/5/2007		1.5
49504	3/1/2004		1.4
49504	10/13/2009		1.5
49504	1/29/2010		1.5
49504	11/3/1997		1.4
49504	11/1/1997		1.4
49504	11/2/1998		1.4
49504	12/18/1998		1.4
49504	11/23/1998		1.4
49504	10/31/1998		1.4
49504	11/17/1998		1.4
49504	12/3/1998		1.4
49504	12/2/1998		1.4
49504	10/12/1998		1.4
49504	2/20/2001		1.4
49504	10/31/2009		1.4
49504	1/26/2009		1.4
49504	11/20/1998		1.3
49504			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/24/1998	1.3
49504	3/13/2008	1.4
49504	1/4/2008	1.4
49504	2/9/2007	1.3
49504	3/20/2007	1.3
49504	2/17/1994	1.3
49504	11/21/1998	1.3
49504	10/30/1998	1.3
49504	12/18/1997	1.3
49504	11/23/1998	1.3
49504	11/2/1998	1.3
49504	1/30/2001	1.3
49504	1/31/2009	1.3
49504	1/19/2010	1.3
49504	9/21/2009	1.3
49504	11/10/1998	1.2
49504	11/5/1998	1.2
49504	11/16/1998	1.2
49504	11/28/1998	1.2
49504	12/14/1998	1.2
49504	12/26/1998	1.2
49504	11/2/1998	1.2
49504	12/16/1998	1.2
49504	12/14/1998	1.2
49504	12/17/1998	1.2
49504	1/9/1998	1.2
49504	4/25/1998	1.2
49504	3/5/2002	1.2
49504	2/2/2000	1.3
49504	5/18/2001	1.3
49504	3/19/2009	1.3
49504	3/5/2009	1.3
49504	4/21/1994	1.2
49504	11/5/1999	1.2
49504	12/24/1999	1.2
49504	2/1/2002	1.2
49504	7/1/2005	1.2
49504	2/9/2007	1.2
49504	4/24/2006	1.2
49504	1/13/2006	1.2
49504	11/27/1998	1.1
49504	2/22/1999	1.1
49504	12/14/1998	1.1
49504	12/14/1998	1.1
49504	12/22/1998	1.1
49504	10/29/1998	1.1
49504	12/31/1993	1.1
49504	12/18/1998	1.1
49504	4/9/2002	1.1
49504	10/29/1998	1.1
49504	2/16/2000	1.2
49504	10/15/2009	1.2
49504	2/21/2009	1.2
49504	11/21/1997	1.1
49504	3/9/1996	1.1
49504	11/19/1998	1.1
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	12/22/1998	1.1
49504	9/26/2007	1.1
49504	4/22/1999	1.1
49504	4/15/1999	1.1
49504	1/20/2009	1.1
49504	2/22/2005	1.1
49504	3/28/2005	1.1
49504	8/26/2006	1.1
49504	5/17/2007	1.1
49504	1/25/2008	1.1
49504	1/18/2008	1.1
49504	3/12/2007	1.1
49504	1/27/1999	1.0
49504	1/11/1999	1.0
49504	12/14/1998	1.0
49504	11/10/1997	1.0
49504	1/11/1999	1.0
49504	3/5/1994	1.0
49504	2/2/2009	1.1
49504	4/30/1998	1.0
49504	1/29/1996	1.0
49504	11/13/1998	1.0
49504	3/31/1999	1.0
49504	3/5/1999	1.0
49504	11/24/1995	1.0
49504	2/26/2000	1.0
49504	2/24/1995	1.0
49504	3/24/2001	1.0
49504	1/24/2009	1.0
49504	2/13/2009	1.0
49504	1/12/2009	1.0
49504	11/14/2009	1.0
49504	12/5/2005	1.0
49504	2/10/2007	1.0
49504	3/2/2007	1.0
49504	10/1/2007	1.0
49504	1/21/2008	1.0
49504	3/16/2007	1.0
49504	4/24/2008	1.0
49504	5/7/2007	1.0
49504	12/7/1998	1.9
49504	11/23/1998	1.9
49504	12/23/1996	1.9
49504	12/11/1998	1.9
49504	11/5/1998	1.9
49504	12/5/1998	1.9
49504	12/18/1998	1.9
49504	10/30/1998	1.9
49504	12/31/1998	1.9
49504	3/13/1999	1.9
49504	10/29/1998	1.9
49504	10/27/2005	1.9
49504	12/22/1998	1.8
49504	12/16/1998	1.8
49504	12/26/1998	1.8
49504	11/30/1993	1.8
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/19/1998	1.8
49504	11/20/1998	1.8
49504	11/13/1998	1.8
49504	1/2/1999	1.8
49504	11/10/1998	1.8
49504	11/12/1998	1.8
49504	11/19/2001	1.8
49504	1/26/2004	1.8
49504	5/10/2007	1.9
49504	2/26/2007	1.9
49504	10/29/1994	1.9
49504	11/5/1999	1.9
49504	9/13/1999	1.9
49504	10/10/2009	1.9
49504	6/29/2009	1.9
49504	12/16/2008	1.9
49504	11/3/1997	1.8
49504	1/18/2008	1.8
49504	2/20/2007	1.8
49504	2/28/2008	1.8
49504	1/25/2008	1.8
49504	2/20/2001	1.8
49504	11/8/1999	1.8
49504	2/21/2009	1.8
49504	11/6/2009	1.8
49504	4/3/2009	1.8
49504	4/10/2009	1.8
49504	1/21/2009	1.8
49504	1/29/2009	1.8
49504	5/6/2005	1.8
49504	2/27/2004	1.8
49504	2/3/2007	1.8
49504	10/17/2008	1.8
49504	10/27/2008	1.7
49504	1/21/2008	1.7
49504	5/26/2009	1.7
49504	12/29/2007	1.7
49504	3/30/2001	1.7
49504	10/29/1998	1.7
49504	11/2/1998	1.7
49504	10/30/1998	1.7
49504	2/9/1999	1.7
49504	10/30/1998	1.7
49504	11/5/1998	1.7
49504	1/10/2005	1.7
49504	11/19/1998	1.6
49504	11/20/1998	1.6
49504	2/10/1996	1.6
49504	12/7/1998	1.6
49504	10/31/1998	1.6
49504	9/15/2009	1.7
49504	2/13/2009	1.7
49504	2/27/2009	1.7
49504	11/16/2009	1.7
49504	2/2/2009	1.7
49504	3/3/2009	1.7
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/13/1998		1.6
49504	10/29/1998		1.6
49504	2/19/2007	<	0.3
49504	12/14/1998	<	0.3
49504	12/11/1998	<	0.3
49504	11/17/1997	<	0.3
49504	12/18/1998	<	0.3
49504	12/22/1998	<	0.3
49504	1/26/2004	<	0.3
49504	2/12/2002		0.5
49504	3/1/1999	<	0.3
49504	7/9/2005	<	0.3
49504	2/10/2004	<	0.3
49504	7/9/2005	<	0.3
49504	4/24/1998	<	0.3
49504	4/14/1998	<	0.3
49504	11/5/1998	<	0.3
49504	11/19/1998	<	0.3
49504	4/30/1998	<	0.3
49504	12/1/1998	<	0.3
49504	11/2/1998	<	0.3
49504	8/26/2005	<	0.3
49504	1/9/2006		0.5
49504	3/17/2008		0.5
49504	9/7/2001	<	0.3
49504	2/26/2007		0.5
49504	2/28/2006	<	0.3
49504	10/5/2009		0.5
49504	3/28/2003	<	0.3
49504	2/2/2009		0.5
49504	1/15/2010		0.5
49504	5/25/2004	<	0.3
49504	2/23/2007	<	0.3
49504	10/24/2001		0.4
49504	2/21/1995		0.4
49504	11/15/2003	<	0.3
49504	5/31/2008	<	0.3
49504	5/8/2008	<	0.3
49504	4/20/2007	<	0.3
49504	5/7/1998	<	0.3
49504	11/7/1998	<	0.3
49504	12/24/2001	<	0.3
49504	4/7/2007	<	0.3
49504	3/10/2007	<	0.3
49504	3/10/2007	<	0.3
49504	11/7/1998	<	0.3
49504	11/28/1998	<	0.3
49504	11/7/1998	<	0.3
49504	5/18/1998	<	0.3
49504	11/2/1998	<	0.3
49504	3/25/1999	<	0.3
49504	2/1/2002	<	0.3
49504	2/1/2006	<	0.3
49504	4/17/2006	<	0.3
49504	2/8/2007	<	0.3
49504	8/10/2007	<	0.3
49504			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	12/14/1998	<	0.3
49504	2/24/1999	<	0.3
49504	2/19/1999	<	0.3
49504	5/6/2002	<	0.3
49504	2/23/2007	<	0.3
49504	2/24/1999	<	0.3
49504	2/15/1999	<	0.3
49504	4/11/2008	<	0.3
49504	2/8/1999	<	0.3
49504	11/1/1997	<	0.3
49504	1/11/1999	<	0.3
49504	1/18/1999	<	0.3
49504	12/22/1998	<	0.3
49504	1/18/1999	<	0.3
49504	3/8/1999		0.8
49504	11/5/1998		0.8
49504	11/30/1998		0.8
49504	12/22/1998		0.8
49504	1/14/2010		1.0
49504	11/9/1998		0.9
49504	11/30/1998		0.9
49504	11/28/1998		0.9
49504	11/1/1997		0.9
49504	10/29/1998		0.8
49504	12/18/1998		0.8
49504	11/14/1998		0.8
49504	12/19/1998		0.8
49504	12/18/1998		0.8
49504	5/9/1998		0.8
49504	12/16/1998		0.8
49504	12/19/1998		0.8
49504	11/3/2003		0.7
49504	3/15/2004		0.7
49504	10/29/1998		0.9
49504	10/29/1998		0.9
49504	11/5/1998		0.9
49504	11/13/1998		0.9
49504	12/23/1997		0.9
49504	3/6/1999		0.9
49504	12/16/1998		0.9
49504	2/8/1999		0.9
49504	12/11/1998		0.9
49504	3/27/2006		0.6
49504	8/26/2006		0.7
49504	10/27/2006		0.7
49504	11/3/2003		0.9
49504	12/15/2003		0.9
49504	5/3/2006		0.6
49504	2/5/2007		0.6
49504	1/28/2008		0.7
49504	2/23/2008		0.7
49504	3/3/2007		0.7
49504	9/5/2006		0.6
49504	1/22/2008		0.6
49504	11/8/2008		0.7
49504	6/6/2007		0.6
49504			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	7/9/2007	0.6
49504	2/4/2008	0.6
49504	4/9/2008	0.8
49504	4/7/2008	0.8
49504	6/4/2001	0.7
49504	2/15/2007	0.9
49504	4/25/2006	0.9
49504	3/17/2008	0.6
49504	4/24/2008	0.6
49504	11/16/1999	0.6
49504	4/25/2001	0.6
49504	2/16/1995	0.6
49504	2/15/2000	0.8
49504	8/10/1999	0.7
49504	12/15/2008	0.7
49504	3/2/2007	0.9
49504	1/18/2000	0.6
49504	4/11/2009	0.6
49504	1/29/2000	0.8
49504	6/29/2009	0.7
49504	1/8/2010	0.7
49504	2/9/2009	0.7
49504	1/15/2010	0.7
49504	3/5/2008	0.9
49504	1/21/2008	0.9
49504	5/10/2008	0.9
49504	1/17/2008	0.9
49504	2/4/2008	0.9
49504	3/30/2009	0.6
49504	1/30/2009	0.6
49504	1/15/2010	0.6
49504	4/18/2009	0.6
49504	3/3/2009	0.6
49504	11/13/1998	0.5
49504	11/6/1997	0.5
49504	12/23/1998	0.5
49504	12/14/1998	0.6
49504	11/9/1998	0.6
49504	10/30/1997	0.6
49504	10/23/1995	0.6
49504	12/14/1998	0.6
49504	12/16/1998	0.6
49504	3/19/2001	0.9
49504	2/19/2000	0.9
49504	11/25/1998	0.5
49504	11/21/1997	0.5
49504	11/2/1998	0.5
49504	11/16/1998	0.5
49504	2/12/1999	0.5
49504	12/3/1998	0.5
49504	11/7/1998	0.5
49504	11/2/1998	0.5
49504	4/21/2009	0.8
49504	2/3/2009	0.8
49504	12/26/1998	0.7
49504	1/27/1999	0.6
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	12/12/1998	0.6
49504	7/23/2009	0.9
49504	2/2/1996	0.5
49504	1/26/1996	0.5
49504	8/24/1998	0.5
49504	12/14/1998	0.5
49504	11/9/1998	0.5
49504	10/30/1997	0.7
49504	11/9/1998	0.7
49504	11/25/1998	0.7
49504	11/19/1998	0.7
49504	11/12/1998	0.7
49504	11/23/1998	0.7
49504	11/5/1998	0.6
49504	11/12/1997	0.6
49504	8/21/2009	0.9
49504	1/20/2009	0.9
49504	3/2/2009	0.9
49504	8/31/1998	0.5
49504	1/17/2002	0.5
49504	5/23/1998	0.7
49504	11/19/1998	0.7
49504	11/16/1998	0.7
49504	7/3/2009	0.9
49504	1/15/2009	0.9
49504	2/6/2009	0.9
49504	3/25/1999	0.8
49504	11/10/1997	0.8
49504	10/30/1998	0.8
49504	12/14/1998	0.8
49504	3/15/1999	0.8
49504	3/8/1999	0.8
49504	11/6/1997	2.6
49504	11/2/1998	2.6
49504	2/5/2009	2.6
49504	2/3/2009	2.6
49504	2/11/2009	2.6
49504	4/24/2009	2.8
49504	11/23/1998	2.7
49504	4/15/1998	2.5
49504	11/7/1998	2.5
49504	12/22/1998	2.5
49504	10/29/1998	2.5
49504	10/28/1998	2.5
49504	1/9/1999	2.5
49504	11/2/2001	2.5
49504	3/21/2007	2.5
49504	10/30/1999	2.5
49504	2/6/2001	2.5
49504	11/3/2009	2.5
49504	2/2/2009	2.5
49504	11/3/1998	2.4
49504	10/30/1998	2.4
49504	11/2/1998	2.4
49504	8/11/2006	2.4
49504	2/5/2007	2.4
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	4/25/2007	2.4
49504	2/2/2007	2.2
49504	1/26/2009	2.4
49504	10/29/1998	2.3
49504	12/1/1998	2.3
49504	11/25/1997	2.3
49504	6/4/1998	2.3
49504	10/29/1998	2.3
49504	12/13/1995	2.3
49504	11/13/1998	2.3
49504	2/24/1999	2.3
49504	11/10/1998	2.2
49504	5/9/1998	2.2
49504	8/19/1999	2.2
49504	2/17/2004	2.3
49504	11/8/1997	2.2
49504	8/24/2009	2.2
49504	2/23/2007	2.3
49504	12/18/1998	2.1
49504	10/30/1998	2.1
49504	1/19/1999	2.1
49504	12/11/1998	2.1
49504	4/16/1998	2.1
49504	4/11/1998	2.1
49504	10/29/1998	2.1
49504	11/23/1998	2.1
49504	2/23/2009	2.9
49504	1/14/2010	2.9
49504	11/2/1998	2.6
49504	10/30/1998	2.6
49504	11/7/2003	2.6
49504	11/13/1998	2.8
49504	10/23/1998	2.8
49504	11/7/1998	2.8
49504	10/31/1998	2.8
49504	2/24/1999	2.8
49504	4/20/1998	2.8
49504	2/17/2003	2.7
49504	1/24/2001	3.0
49504	11/16/2009	3.0
49504	12/29/2005	2.6
49504	1/24/2009	3.0
49504	1/31/2009	3.0
49504	4/11/1998	2.9
49504	10/29/1998	2.9
49504	4/11/1998	2.9
49504	1/25/1999	2.9
49504	10/4/1995	2.9
49504	5/19/2005	2.8
49504	2/16/2002	2.9
49504	2/5/2007	2.8
49504	2/9/2007	2.8
49504	11/20/1999	2.7
49504	4/19/1999	2.6
49504	3/31/2009	2.7
49504	1/29/2009	2.7
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	3/16/2009	<	0.3
49504	3/16/2009	<	0.3
49504	2/21/2009	<	0.3
49504	1/21/2008	<	0.3
49504	1/21/2008	<	0.3
49504	2/12/2008	<	0.3
49504	2/9/2008	<	0.3
49504	2/1/2008	<	0.3
49504	2/3/2009	<	0.3
49504	2/5/2009	<	0.3
49504	3/2/2009	<	0.3
49504	2/27/2009	<	0.3
49504	12/1/2000		3.8
49504	12/7/1999		3.8
49504	7/11/2009		3.8
49504	5/10/2007		3.6
49504	3/21/2007	<	0.3
49504	2/8/2008	<	0.3
49504	5/26/2009		3.6
49504	12/5/1998		3.5
49504	11/16/1998		3.5
49504	11/16/1998		3.5
49504	11/3/1997		3.5
49504	12/26/1998		3.5
49504	5/21/1994	<	0.3
49504	1/12/2006		3.5
49504	3/8/2007		3.5
49504	6/9/2000	<	0.3
49504	6/22/2000	<	0.3
49504	12/26/1998		3.4
49504	10/31/1998		3.4
49504	12/14/1998		3.4
49504	10/30/1998		3.4
49504	4/25/2000		3.4
49504	2/8/2007		3.1
49504	12/11/1999	<	0.3
49504	3/6/2008		3.1
49504	12/18/1998		3.3
49504	5/7/2001	<	0.3
49504	10/20/2007		3.2
49504	12/9/2000	<	0.3
49504	7/11/2009		3.1
49504	3/21/2009		3.1
49504	11/2/1998		3.0
49504	12/15/2008	<	0.3
49504	12/15/2008	<	0.3
49504	12/15/2008	<	0.3
49504	2/5/2009	<	0.3
49504	4/18/2009		3.2
49504	11/3/1997		3.1
49504	2/25/2008		3.3
49504	2/25/1999		3.9
49504	12/14/1998		3.7
49504	1/11/1999		3.7
49504	12/18/1998		3.1
49504	12/22/1998		3.1
49504			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	3/19/2009	<	0.3
49504	3/19/2009	<	0.3
49504	3/23/2009	<	0.3
49504	4/24/2009	<	0.3
49504	1/15/2010	<	0.3
49504	11/23/2009	<	0.3
49504	11/20/2009	<	0.3
49504	2/23/2009		3.9
49504	3/17/2008		3.7
49504	1/24/2000		3.7
49504	5/7/2009	<	0.3
49504	11/2/1998		3.8
49504	1/20/1999		3.8
49504	3/6/1999		3.8
49504	12/26/1998		3.8
49504	11/12/1998		3.8
49504	3/3/2007		3.4
49504	1/21/2009	<	0.3
49504	1/24/2009	<	0.3
49504	1/19/2010		3.3
49504	1/29/2010		3.3
49504	11/5/1997		3.2
49504	11/10/1998		3.2
49504	3/2/2009	<	0.3
49504	10/31/1998		7.6
49504	10/31/1998		7.6
49504	12/4/1998		7.2
49504	3/18/1997		7.2
49504	10/31/2008		6.6
49504	6/18/2004		7.1
49504	12/16/1998		6.3
49504	12/30/1998		6.2
49504	2/12/2007		6.2
49504	11/20/2008		6.2
49504	8/15/2009		6.1
49504	11/17/2008		5.6
49504	11/3/2009		5.6
49504	11/16/2009		5.6
49504	11/8/2000		6.0
49504	11/21/1998		5.1
49504	5/11/1998		5.1
49504	12/8/1999		4.9
49504	11/1/1997		5.9
49504	8/14/2006		5.1
49504	1/15/2000		4.8
49504	1/29/2009		4.8
49504	3/30/2009		5.5
49504	11/9/1998		5.4
49504	11/5/1998		5.4
49504	11/2/2005		4.7
49504	2/2/2009		5.8
49504	7/13/2009		4.7
49504	4/11/2002		5.3
49504	4/30/2001		5.0
49504	3/15/2000		5.0
49504	4/29/1994		4.7
49504			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/5/1999	5.7
49504	1/29/2009	5.7
49504	11/17/1998	4.9
49504	11/2/1998	5.2
49504	1/29/2010	7.5
49504	1/11/1999	7.4
49504	11/7/1998	6.7
49504	3/15/1997	6.7
49504	10/18/2003	6.7
49504	12/4/1998	6.6
49504	11/21/2002	6.6
49504	1/29/2009	7.8
49504	11/13/2008	7.3
49504	11/17/2008	6.9
49504	2/2/1999	2.0
49504	1/28/1999	2.0
49504	12/14/1998	2.0
49504	12/18/1998	2.0
49504	10/29/1998	2.0
49504	3/31/2008	13.3
49504	10/31/1998	11.5
49504	4/11/2008	10.2
49504	11/8/2005	2.1
49504	4/5/2006	2.0
49504	5/29/2006	2.1
49504	7/20/2007	2.1
49504	10/8/2007	2.0
49504	2/18/2008	2.0
49504	2/18/2008	9.1
49504	3/6/1999	8.5
49504	4/21/2008	2.1
49504	11/1/1999	2.1
49504	10/30/1999	2.1
49504	12/6/1999	2.0
49504	1/18/1995	2.0
49504	6/23/2001	2.0
49504	2/21/2009	2.1
49504	2/5/2009	2.0
49504	11/19/2009	2.0
49504	5/14/1998	2.0
49504	11/6/1997	2.0
49504	5/23/1996	2.0
49504	2/2/2009	4.5
49504	10/31/1998	4.4
49504	12/16/1998	4.4
49504	10/30/1998	4.0
49504	12/16/1998	4.0
49504	11/21/1998	4.1
49504	11/21/1998	4.1
49504	12/6/2007	4.4
49504	11/6/1997	4.2
49504	11/16/1998	4.2
49504	1/27/1999	4.2
49504	3/29/1999	4.2
49504	2/17/2009	4.6
49504	12/14/2007	4.1
49504		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/13/1998	4.3
49504	4/11/1998	4.3
49504	4/9/2001	4.5

Federal EPA Radon Zone for KENT County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 49504

Number of sites tested: 12

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.533 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### 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.

## HYDROLOGIC INFORMATION

**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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

The data in this file was obtained from Wellogic, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogic contains approximately 425,000 water well records found within the State of Michigan, and although it represents the best available data, it cannot be considered a complete database of all the wells or well records in existence.

## OTHER STATE DATABASE INFORMATION

#### Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Telephone: 517-241-1528

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

### RADON

#### State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551

Radon Test Results

#### Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### STREET AND ADDRESS INFORMATION

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**Appendix D**  
**Public Notice**

## PUBLIC NOTICE:

A Public Meeting has been scheduled regarding the Draft Environmental Assessment for the Gerald R. Ford Presidential Museum Learning Center Addition, Grand Rapids, Michigan.

The National Archives and Records Administration (NARA), in cooperation with the Gerald R. Ford Presidential Foundation, proposes to design and construct a two story 8,000 square foot addition to the southwest façade of the existing Gerald R. Ford Presidential Museum building. The project will enhance the Museum's ability to host educational programs, as well as increase the space available for meetings, classes and storage. The Learning Center Addition will serve all visitors, including students and scholars, and by expanding the educational capabilities of the Ford Museum, the Addition will further the public's knowledge of a former president, the presidency, American history, and the workings of the United States Government.

NARA has prepared a Draft Environmental Assessment (EA) of its planned addition project consistent with the National Environmental Policy Act of 1969 (NEPA), as amended, 42 U.S.C. 4321-4347, and the implementing regulations of the Council on Environmental Quality (40 C.F.R. 1500-1508). A review of the project's potential effect on historic resources is also being undertaken consistent with Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended, 16 U.S.C. 470-470x-6, and the implementing regulations at 36 CFR Part 800.

As part of the Section 106 and NEPA review process, a public meeting will be held at 7:00 PM on Thursday, March 26, 2015, at the Gerald R. Ford Presidential Museum, 303 Pearl Street NW, Grand Rapids, MI 49504. To attend the meeting, please enter the Gerald R. Ford Presidential Museum building via the main visitor's entrance.

Copies of the Draft EA are being distributed to the City of Grand Rapids and Grand Rapids Public Library. Copies of the Draft EA are also available for public review at the Gerald R. Ford Presidential Museum and will be available at the public meeting. Electronic copies of the Draft EA are available at <http://www.archives.gov/about/plans-reports/environmental-assessment/>.

For further information or to submit written comments, please contact Ronald C. Noll, Supervisory Architect, phone (301) 837-3648; e-mail at [ronald.noll@nara.gov](mailto:ronald.noll@nara.gov).

### Issued by:

Ronald C. Noll, NCARB, AIA, CSI  
Supervisory Architect  
Space Planning & Projects Branch Chief  
NARA, Room 1150  
8601 Adelphi Road  
College Park, MD 20740-6001

Martin F. McGann  
Director, Physical Infrastructure and  
Collections Support  
Office of Presidential Libraries  
NARA, Room 2200  
8601 Adelphi Road  
College Park, MD 20740-6001