



## AD HOC SENIOR/RECREATION CENTER COMMITTEE AGENDA

APRIL 24, 2024

3:00 PM

CITY COMMISSION ROOM

151 MARTIN STREET, BIRMINGHAM

<https://bhamgov-org.zoom.us/j/81985761455>

### A. Introductions

Elaine McLain, Vice-Chair	City Commissioner
Anthony Long	City Commissioner
Dan Share, Chair	Planning Board
Pam Graham	Parks & Rec Board
Cris Braun	Next Representative
Kelly Stubbe	YMCA Representative
Bert Koseck	Architect
Donald Rogers	Contractor
Jason Emerine	Engineer

### B. Approval of minutes from March 27, 2024 and April 10, 2024

### C. Update from NORR

### D. Review and discussion of draft RFQ to pre-qualify architects for Final Design and Construction Plan Preparation

### E. Miscellaneous Communications

- Phase 1 Environmental Report, April 19, 2023
- IMEG Report, May 12, 2023

### F. Meeting Open to the Public for items not on the Agenda

**Notice: Due to Building Security, public entrance during non-business hours is through the Police Department—Pierce St. Entrance only.** Individuals with disabilities requiring assistance to enter the building should request aid via the intercom system at the parking lot entrance gate on Henrietta St.

Persons with disabilities that may require assistance for effective participation in this public meeting should contact the City Clerk's Office at the number (248) 530-1880, or (248) 644-5115 (for the hearing impaired) at least one day before the meeting to request help in mobility, visual, hearing, or other assistance.

Las personas con incapacidad que requieren algún tipo de ayuda para la participación en esta sesión pública deben ponerse en contacto con la oficina del escribano de la ciudad en el número (248) 530-1800 o al (248) 644-5115 (para personas con discapacidad auditiva) un día antes de la reunión para solicitar ayuda a la movilidad, visual, auditiva, o de otras asistencias. (Title VI of the Civil Rights Act of 1964).

**City Of Birmingham**  
**Regular Meeting Of The Ad Hoc Senior/Recreation Center Committee**  
**March 27, 2024**

City Commission Room  
151 Martin Street, Birmingham, Michigan

Minutes of the regular meeting of the City of Birmingham Ad Hoc Senior/Recreation Center Committee (SCC) held on March 27, 2024. The meeting was convened at 3:00 p.m.

**A. Roll Call**

**Present:** Cris Braun, Pam Graham, Elaine McLain, Dan Share, Kelly Stubbe

**Absent:** Jason Emerine, Bert Koseck, Donald Rogers

**Staff:** City Manager Ecker; Information Technology Manager Brunk, Assistant City Manager Fairbairn, Department of Public Services Director Zielinski

**B. Vision, Goals & Objectives of Senior/Recreation Center Project**

CM Ecker presented the item. The SCC provided feedback on the proposed vision statement, goals, and objectives and CM Ecker integrated the feedback.

Public Comment

George Dilgard commented on the phrase 'all ages'.

**MOTION:** Motion by Ms. McLain, motion was seconded:

To recommend these vision, goals, and objectives to the City Commission with one change: 1. At the end of objective numbers four and five, the word 'community' be substituted for 'all ages'.

SCC members' comments were as follows:

- When considering the facility and its attendant services and amenities, future operating costs should be considered for providing those services and amenities.
- In some cases, lowering the upfront costs may result in increased future operating costs. Those trade-offs should be evaluated as part of this process as well.

VOICE VOTE: Ayes, Braun, Graham, McLain, Share, Stubbe

Nays, None

**C. Update from NORR**

The Chair requested that the update from NORR occur before the discussion of the project timeline.

Dan Schneider of NORR presented the update. Staff and Mr. Schneider answered informational questions from the SCC.



SCC members' comments were as follows:

- The concept plans are not the same as construction drawings.
- The architect selected for the project will have the ability to deviate from the aesthetics options provided in the concept plan.
- Public feedback should be sought first and used to write the report instead of being solicited after the report. There would be no reason to show potential colors and interior finishes to the public at this point in the process. Light renovations, more extensive renovations, and an entirely new building should be concurrently considered options.

#### Public Comment

In reply to Mr. Dilgard, staff affirmed that a new building would be an option considered during the concept planning process.

### **D. Project Timeline**

CM Ecker presented the item and answered questions from the SCC. Mr. Schneider commented regarding the timing of the open house and answered questions from the SCC.

SCC members' comments were as follows:

- An onsite tour of both the YMCA and Next should occur within the next few weeks.
- It could be useful to benchmark what other municipalities have for senior centers.
- Next cannot be easily benchmarked to other community/senior centers because it functions somewhat differently, and the City does not operate Next.
- The owner's representative should likely be brought on earlier.
- The SCC should determine whether it is comfortable with the proposed timing of the concept plan and the hiring of the architect.
- An RFQ should be issued prior to the RFP for an architect, and the RFP for the owner's representative should be issued as soon as possible. A construction manager should be likely be hired given the number of presently existing unknowns in the project.
- It would be helpful for SCC members to see the report on the YMCA facility that was created prior to the City's purchase of the building.
- Costs should be considered prior to the recommendation phase.
- The project scope, design, and budget should occur after the concept plans. At that time, the Commission should determine at that time whether it prefers a light renovation, a more significant renovation, or a new build. Subsequently, the architect for the next phase would be hired, and a construction manager should be hired concurrently.
- The SCC should aim to finalize its recommendations regarding the timeline and the hiring of an owner's representative at the next meeting. An abbreviated RFQ process for both an architect should be implemented. An explanation of the duties of an owner's representative should also occur at the next meeting.
- If any SCC members wanted to provide a summary of the roles of an owner's representative, construction manager, or architect in this project, those summaries could be provided to the City Manager for appropriate distribution to the rest of the SCC and the public.
- It would be beneficial to break the timeline up into phases and milestones.

#### Public Comment

Mr. Dilgard supported the hiring of an owner's representative as soon as possible.

**E. Miscellaneous Communications**

**F. Meeting Open to the Public for items not on the Agenda**

Mr. Dilgard commented regarding the timing of Next's departure from Midvale.

**G. Adjournment**

No further business being evident, the meeting was adjourned at 5:28 p.m.



Jana Ecker, City Manager

Laura Eichenhorn, City Transcriptionist

DRAFT

**City Of Birmingham**  
**Regular Meeting Of The Ad Hoc Senior/Recreation Center Committee**  
**April 10, 2024**  
YMCA Birmingham  
400 E. Lincoln Street, Birmingham

Minutes of the regular meeting of the City of Birmingham Ad Hoc Senior/Recreation Center Committee (SCC) held on April 10, 2024. The meeting was convened at 3:00 p.m.

**A. Roll Call**

**Present:** Cris Braun, Jason Emerine (arrived 3:19 p.m.), Pam Graham, Bert Koseck, Anthony Long (arrived 3:08 p.m.), Elaine McLain, Dan Share, Kelly Stubbe

**Absent:** Donald Rogers

**Staff:** Information Technology Manager Brunk, Assistant City Manager Clemence, Assistant City Manager Fairbairn, Department of Public Services Director Zielinski

**B. Nomination of Permanent Chair**

**MOTION:** Nomination by Ms. McLain:  
For Dan Share to serve as the permanent chair.

**VOICE VOTE:** Ayes, Braun, Graham, Koseck, McLain, Share, Stubbe  
Nays, None

**C. Approval of Minutes of March 20, 2024**

Seeing no changes to the minutes, the minutes were approved.

**D. Tour of Existing YMCA Building**

Ms. Stubbe led the SCC on the tour of the YMCA building and answered informational questions from the SCC. Parrish Underwood, President and CEO of the YMCA of Metropolitan Detroit, was also present.

SCC members comments were as follows:

- Child watch would likely continue to be a valuable amenity for the future Senior/Recreation Center to offer.

The Chair and ACM Clemence thanked Ms. Stubbe for conducting the tour.

**E. Miscellaneous Communications**

**F. Meeting Open to the Public for Matters Not on the Agenda**

**G. Adjournment**

No further business being evident, the meeting was adjourned at 3:56 p.m.



Jana Ecker, City Manager

Laura Eichenhorn, City Transcriptionist

DRAFT

**REQUEST FOR QUALIFICATIONS ARCHITECTURAL/ENGINEERING SERVICES  
FOR FINAL DESIGN AND CONSTRUCTION PLAN PREPARATION  
BIRMINGHAM SENIOR/RECREATION CENTER**

Sealed proposals endorsed “**Architectural/Engineering Services for Final Design and Construction Plan Preparation**”, will be received at Birmingham City Hall, ATTN: City Clerk, 151 Martin Street, Birmingham, Michigan, 48009; until **Thursday, May 16, 2024 at 10:00 am** after which time proposals will be publicly opened and read.

The City of Birmingham, Michigan is accepting sealed proposals from qualified professional architectural/engineering firms for Architectural/Engineering Services for the Final Design and Construction Plan Preparation to support the potential renovation/expansion or demolition/new build of the building at 400 East Lincoln, currently the Birmingham YMCA building. The project must be performed as specified in accordance with the specifications contained in the Request for Qualifications (RFQ).

Each prospective Contractor is required to attend a **mandatory pre-bid meeting** to visit the site and meet with City staff prior to submitting qualifications. The mandatory site visit meeting will be held on **Thursday, May 2, 2024 at 1:00 pm** at the Project location, 400 East Lincoln, Birmingham, MI.

The RFQ, including the specifications, may be obtained online from the Michigan Inter-governmental Trade Network at <http://www.mitn.info> or at Birmingham City Hall, 151 Martin Street, Birmingham, Michigan.

The acceptance of any proposal made pursuant to this invitation shall not be binding upon the City of Birmingham until an agreement has been executed.

<b>Submitted to MITN:</b>	<b>Thursday, April 25, 2024</b>
<b>Mandatory Pre-Bid Meeting</b>	<b>Thursday, May 2, 2024</b>
<b>Deadline for Submissions:</b>	<b>Thursday, May 16, 2024 at 10:00 am</b>
<b>Contact Person:</b>	Jana Ecker, City Manager 151 Martin Street Birmingham, MI 48009 Phone: 248-530-1811 Email: <a href="mailto:jecker@bhamgov.org">jecker@bhamgov.org</a>

**REQUEST FOR QUALIFICATIONS  
ARCHITECTUAL SERVICES FOR FINAL DESIGN PLAN PREPARATION  
BIRMINGHAM SENIOR/RECREATION CENTER**

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## **INTRODUCTION**

For purpose of this request for qualifications, the City of Birmingham will hereby be referred to as "the City" and the private firm or person(s) responding will hereby be referred to as "Contractor." The City is accepting sealed proposals from qualified professional architectural/engineering firms or persons for architectural/engineering services to provide for final design and construction plan preparation for the renovation/expansion or demolition/new build of the existing property located at 400 East Lincoln in the City of Birmingham ("the Project"). This work must be performed as specified, in accordance with the specifications contained in this Request for Qualifications (RFQ).

Each prospective Contractor is required to attend a mandatory pre-bid meeting to visit the site and meet with City staff prior to submitting qualifications. The mandatory site visit meeting will be held on Thursday, May 2, 2024 at 1:00 pm at the Project location, 400 East Lincoln, Birmingham, MI.

During the evaluation process, the City reserves the right to request additional information or clarification from contractors, or to allow corrections of errors or omissions. At the discretion of the City, contractors submitting proposals may be requested to make oral presentations as part of the evaluation. The City will be utilizing a two phase process to select a Contractor for the Project. First, the City will conduct a public qualifications review process to prequalify architectural/engineering firms that have experience and expertise with similar projects, and are capable of completing the final design process and construction plan preparation for the Project on schedule and with oversight and review to be provided by the Ad Hoc Senior/Recreation Center Committee and the City Commission. Following a review of qualifications, the City may establish a list of architectural/engineering firms that will be pre-qualified and extended an invitation to participate in a subsequent Request for Proposal (RFP) in phase two of the Project to be under consideration to be chosen as the final contractor for the Project.

It is anticipated that the selection of a pool of qualified contractors will be completed by Wednesday, May 29, 2024.

## **PROJECT BACKGROUND**

The City of Birmingham purchased the Birmingham YMCA building, located at 400 East Lincoln, Birmingham, MI in June 2023. The City of Birmingham purchased the building as a permanent home for Next, a 501(c)(3) organization that provides senior services to residents of Birmingham, Bingham Farms, Beverly Hills, and Franklin. Also contemplated in the purchase was the additional space that would not be used by Next would allow for the current YMCA to continue to have a presence in the building and/or other public use, such as community or recreational uses and/or office space for City Parks and Recreation personnel.

The Project property contains approximately 1.52 acres, and is currently zoned R4, Two Family Residential. The maximum height permitted in the R4 zone is 2.5 stories and 35'. The Project property is located immediately north of the City owned St. James Park and an existing public

parking lot, and is surrounded by single family residential, multi-family residential and small scale commercial buildings. All future renovations/construction to the building and site should be compatible with the surrounding neighborhood, and integrated with St. James Park.

The City, through an RFP, contracted with an architectural firm, NORR, LLC to conduct a needs assessment of the existing building and to provide conceptual design alternatives. The City also formed an Ad Hoc Senior/Recreation Committee to assist City Staff and the City Commission to formalize a plan moving forward on the Project. The needs assessment will assist the City Commission in determining whether or not the building should be renovated/expanded or demolished to build a new facility. Previous reports, studies and the top conceptual design alternatives prepared for the City will be provided to the selected Contractor for use in the final site plan process and plan preparation.

The City also issued an RFP to hire a professional owner's representative or team of professionals to serve as an extension of the City to protect the City's interests throughout the development process (RFP issued on April 18, 2024 on MITN). The owner's representative will oversee and coordinate all phases of the project to ensure that the project is completed on time and within budget. The owner's representative will also provide ongoing communication between the City and hired consultants, project managers, and/or construction managers and assist with resolution of any issues that arise. It is anticipated that the City will hire an owner's representative on May 20, 2024.

### **PROJECT VISION, GOALS & OBJECTIVES**

The City has adopted a vision statement for the Project:

#### Vision Statement:

Create a welcoming and dynamic hub where all the members of the community can gather in an environment that promotes socialization, physical activity and lifelong learning that enhance both personal and community wellness.

The City has adopted the following goals and objectives for the Project:

#### Goals:

1. Develop a plan for an open, welcoming, adaptable active senior/community facility with flexibility for current and future uses.
2. Integrate the design and use of the senior/community center with St. James Park.
3. Ensure safe and accessible design of the building(s) and site for users of all ages and abilities.
4. Incorporate sustainable concepts, design and materials, when practical, to reduce environmental impact.
5. Complete design and construction of a new or renovated facility and site on time and within the established budget.



Objectives:

1. Create a permanent home for Next.
2. Support Next in providing a wide range of programs and services.
3. Provide community gathering spaces (indoors and outdoors).
4. Provide a facility that promotes the provision of health, fitness, and recreation programming for the community.
5. Design a facility that encourages social interaction and emotional enrichment for the community.
6. Design a facility that promotes multigenerational programming opportunities and lifelong learning.

The adopted vision statement will guide the Contractor in preparing final design and construction plans for the Project. Contractors will be expected to present creative concepts for the final design and construction plans that incorporate the Project goals and objectives.

**REQUEST FOR QUALIFICATIONS PROCESS**

The City will conduct a two phase public selection process for qualified professional architectural/engineering firms to prepare the final design and construction plans for the Project.

The selected Contractor will provide architectural/engineering services to design a Senior/Recreation Center and develop the accompanying construction and bid documents. The selected firm will work closely with City staff, the Ad Hoc Senior/Recreation Center Committee and the City Commission to develop a final design. The Contractor will be required to meet with staff and attend committee and commission meetings in person. The Contractor will submit construction drawings to the City of Birmingham Community Development Department for review. The Contractor will write the bid documents to be posted by the City for the renovation/construction of the Senior/Recreation Center. Upon acceptance of a bid by the City Commission and issuance of a building permit, the selected Contractor will perform construction management duties and some possible inspections working closely with the City of Birmingham and the City's Owner Representative until the completed building has received a Certificate of Occupancy.

In evaluating Contractors' qualifications in Phase 1 under this RFQ process, the City will consider expertise and past experience in working or partnering with communities, capacity and the design quality of similar municipal projects. The City may identify one or more of Contractors with qualifications that the City determines at their sole discretion, demonstrate expertise and capacity to successfully undertake and complete the Project within the required timeframe.

Each prospective Contractor is required to attend a **mandatory pre-bid meeting** to visit the site and meet with City staff prior to submitting qualifications. The mandatory site visit meeting will be held on **Thursday, May 2, 2024 at 1:00 p.m.** at the Project location, 400 East Lincoln, Birmingham, MI.

**All qualification responses must be received by the City Clerk no later than May 16, 2024 at 10:00 a.m.** Submission requirements and guidelines are detailed below.

**STATEMENT OF QUALIFICATIONS MINIMUM REQUIREMENTS**

Contractor’s responses must include the following information:

**1. Introductory Requirements**

a. Transmittal Letter

Responses must have a transmittal letter signed by an authorized representative of the Contractor’s company confirming the Contractor’s availability to accomplish this Project and a commitment to complete the Project in a timely manner.

b. Project Understanding

A statement describing the Contractor’s understanding of the Project and any special skills the Contractor’s team will bring to the Project.

**2. General Information**

a. Company information

- i. Firm name
- ii. Business address
- iii. Primary contact name, email and telephone number
- iv. Year established
- v. Type of ownership
- vi. Areas of Expertise

b. Experience

- i. List a minimum of three completed projects that are similar in size and scope to this Project. Information for each project shall include the following:
  - Project name, location and owner.
  - Owner’s representative including contact information (Owner’s representative may be contacted for a referral during the review process).
  - 100% design estimate with base bid and alternates (if applicable).
  - Contract base bid award amount with accepted alternates (if applicable).
  - Final construction amount.
  - Original design fee including services during construction.
- ii. Provide background of key members in the team and their specific experience in previous projects that would relate to this Project.
- iii. Describe any specific skills not otherwise covered that the Contractor would bring to this project.

c. Proof of Insurance

- i. Provide proof of the following:
  - A. Workers' Compensation Insurance: Contractor shall provide proof of workers’ compensation coverage, for all employees working on this Project.

- B. Motor Vehicle Liability Insurance: Contractor shall provide proof of automobile liability insurance in an amount not less than \$1,000,000 per occurrence.
- C. Commercial General Liability Insurance: Proof of Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than \$1,000,000 per occurrence combined single limit, Personal Injury, Bodily Injury and Property Damage. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractor Coverage; (D) Broad Form General Liability Extensions or equivalent; (E) Deletion of all Explosion, Collapse and Underground (XCU) Exclusions, if applicable.
- D. Professional Liability: Proof of professional liability insurance with limits of not less than \$2,000,000 per claim.
- E. Additional Insured: Commercial General Liability and Motor Vehicle Liability Insurance, shall include an endorsement stating the following: **Additional Insureds: The City of Birmingham, including all elected and appointed officials, all employee and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof.** This coverage shall be primary to any other coverage that may be available to the additional insured, whether any other available coverage by primary, contributing or excess.

d. Potential or Perceived Conflicts of Interest

Any potential or perceived conflicts of interest must be disclosed.

### **3. Project Approach, Schedule and Presentations**

- a. Provide narrative detailing the Contractor's philosophy and approach to complete the Project as described. It is expected the Contractor will have many interactions and formal meetings with City staff, the Ad Hoc Senior/Recreation Center Committee and the City Commission.
- b. Provide an overall project schedule including the timing of major tasks, progress reports, public participation events and draft reports.
- c. Describe the Contractor's ability to prepare and present findings and recommendations to staff, local appointed and elected officials and other interested parties. In addition to the public process in 3.a. above, the Contractor will be expected to conduct one or two work sessions with the City Commission to review the Project prior to final submittal as well as a work session to present final deliverables.
- d. Describe deliverables for the overall project and each phase of the Project.
- e. Provide any additional information or approaches felt to be relevant to indicate the Contractor's ability to successfully complete this Project.

### **4. Resumes**

Provide resumes of individuals who will be working on the project. For each individual, describe their proposed role and list their relevant experience as requested in 2b above.

## **5. References**

Provide references from at least three similar projects for which the Contractor has provided final design and construction plan preparation services. References are to include the name of a project contact along with their position, email address and telephone number. Each reference is to include a description of the services provided to the client and the Contractor's specific role. References reflecting experience working with government officials and public bodies should be included, if applicable.

## **6. Copies**

Provide three (3) hard copies and one (1) electronic copy containing the entire submittal in pdf format on a thumb drive.

## **7. Fee Schedule**

The Fee Schedule of the Contractor's team shall be included in the submittal. At this RFQ phase, fee schedules are to be provided for informational purposes only. No detailed pricing proposals are to be submitted.

## **8. Summary of Litigation History**

### **SELECTION PROCESS**

Following a review of Contractor qualifications submitted in response to the RFQ, the City may establish a list of Contractors that will be extended an invitation to participate in an interview with the Ad Hoc Senior/Recreation Committee and/or the City Commission to discuss their qualifications for the Project. Only pre-qualified Contractors will be offered the opportunity to submit a proposal in Phase 2 under a separate Request for Proposals (RFP). The agreement included as Attachment A is the required agreement that will be used by the Contractor selected under the RFP.

During the evaluation process, the City reserves the right, where it may serve the City's best interest, to request additional information or clarification from Contractors, or to allow corrections of errors or omissions. At the discretion of the City, firms or persons submitting qualifications may be requested to make public presentations as part of the evaluation process.

**EVALUATION CRITERIA**

The City will utilize the following criteria to evaluate each Contractor’s Statement of Qualifications:

<b>Selection Criteria</b>	<b>Score</b>
Experience with projects of similar nature, size and scope	25
Past performance on projects of similar nature, size and scope (including quality of design, ability to work with local government clients etc.)	25
Detailed description of Project approach and how approach meets the City’s vision, goals & objectives	20
Organization/team structure for this Project	10
Current workload (2024-2026)	10
Litigation history	10
<b>Available Scoring Points in Total:</b>	<b>100</b>

**PROJECT SCHEDULE**

The overall Project schedule consists of a standard design, bid, and construction process ultimately resulting in anticipated occupancy in June 2026. The conceptual design phase is currently underway, and the final design phase is scheduled to start in September 2024, and be completed by December 2024. Construction is scheduled to start in the spring of 2025 with substantial completion by June 2026. Please see Attachment B for the Proposed Timeline for the Project. The proposed selection schedule for contractors is as follows:

<b><u>Anticipated Submittal &amp; Review Process</u></b>	<b><u>Target Date</u></b>
Request for Qualifications Posted to MITN	April 25, 2024
Mandatory site visit with City staff	May 2, 2024
Qualifications Due Date	May 16, 2024
Ad Hoc Senior/Recreation Committee Review Responses	May 22, 2024
Pre-Qualified Contractor List Finalized	May 22, 2024
Request for Proposals Posted to MITN	July 23, 2024
Submittal date for RFP	Aug. 22, 2024
City Commission Interviews of Contractors	Sept. 16, 2024
Contractor Award	Sept. 16, 2024
Final Site Plan and Design	Sept. 18 – Oct. 28, 2024
Construction Plans Completed	Nov. 27, 2024
Complete and Post Bid for Construction	Dec. 2, 2024

**TERMS AND CONDITIONS**

1. The City reserves the right to reject any or all qualifications received at any time during this process, waive informalities, or accept any qualifications in whole or in part, it deems best.
2. The City reserves the right to request clarification of information submitted and to request additional information of one or more Contractors.

3. Any qualifications response may be withdrawn up until the date and time set above for the opening of the qualifications. Any proposal not so withdrawn shall constitute an irrevocable offer, for a period of one hundred and twenty (120) days, to provide the services set forth in accordance with the specifications outlined in this RFQ.
4. The Contractor will not exceed the timelines established for the completion of this Project.
5. Pre-qualified Contractors will be offered the opportunity to submit a proposal under a future Request for Proposals.
6. The cost of preparing and submitting qualifications and any future proposal is the responsibility of the Contractor and shall not be chargeable in any manner to the City.

### **SUBMISSION PROCEDURE**

Three (3) hard copies and one (1) PDF copy on a thumb drive of the qualifications proposal shall be submitted no later than 10:00 a.m., on May 16, 2024 to:

**City of Birmingham  
Attn: City Clerk  
151 Martin Street  
Birmingham, Michigan 48009**

Submittals should be firmly sealed in an envelope, which shall be clearly marked on the outside, "Request for Qualifications – Senior/Recreation Center Project". Any proposal received after the due date cannot be accepted and will be rejected and returned, unopened, to the proposer. Proposer may submit more than one submittal provided each proposal meets the functional requirements.

Each respondent shall include in their submittal the following information: Firm name, address, city, state, zip code, telephone number, fax number and website address. The company shall also provide the name, address, telephone number and e-mail address of an individual in their organization to whom notices and inquiries by the City should be directed as part of their proposal.

The City of Birmingham reserves the right, at its sole discretion, to reject any or all submittals when, in its opinion, it is determined to be in the public interest to do so; to waive minor irregularities and informalities of a submittal; or to cancel, revise, or extend this solicitation. The Request for Qualifications does not obligate the City of Birmingham to pay any costs incurred by any respondent in the submission of a proposal or in making necessary studies or designs for the preparation of that proposal, or for procuring or contracting for the services to be furnished under this Request for Qualifications.

DRAFT

**Attachment A:**

**BIRMINGHAM SENIOR/RECREATION CENTER FINAL DESIGN AND CONSTRUCTION  
PLAN PREPARATION AGREEMENT**

**THIS AGREEMENT** is entered into this \_\_\_\_ day of \_\_\_\_\_, 2024, by and between the **CITY OF BIRMINGHAM**, whose address is 151 Martin Street, Birmingham, MI 48009 (hereinafter referred to as the City) and \_\_\_\_\_, whose address is \_\_\_\_\_, (hereafter referred to as Contactor) and the foregoing shall collectively be referred to as the parties and shall become executed on the date of the City Mayor’s signature;

**WHEREAS**, the City desires to hire and has sought proposals for **FINAL DESIGN AND CONSTRUCTION PLAN PREPARATION FOR THE BIRMINGHAM SENIOR/RECREATION CENTER** located at 400 E. Lincoln; and

**WHEREAS**, Contractor has qualifications that meet the project requirements and has provided a desirous response and cost proposal to perform **FINAL DESIGN AND CONSTRUCTION PLAN PREPARATION FOR THE BIRMINGHAM SENIOR/RECREATION CENTER**.

**NOW, THEREFORE**, in consideration of the foregoing preambles, the adequacy of which is acknowledged by and between the parties to this Agreement, the parties agree as follows:

**1. MUTUALLY AGREE:** It is mutually agreed by and between the parties that the City’s Request for Proposal for **BIRMINGHAM SENIOR/RECREATION CENTER FINAL DESIGN AND CONSTRUCTION PLAN PREPARATION** posted April 25, 2024, shall be fully incorporated herein by reference and shall become a part of this Agreement, and shall be binding upon both parties hereto (attached hereto as Attachment “A”).

**2. TERM:** This Agreement shall have a term of three years from the date stated above. The City shall have the right to unilaterally terminate this Agreement on thirty (30) days written notice. In the event of termination, the Contractor shall receive compensation for services to the date the termination takes effect and the City shall be entitled to retain and use the results of all work completed by the Contractor through such date.

**3. TERMS OF PAYMENT:** The Contractor will invoice monthly for all labor supplied and work completed. In no event shall invoices be submitted more than 45 days after completion of services. Submitted invoices shall include the following detailed information: the type of work performed, the time spent on the work, the individual who performed the work and the per hour billing rate charged. The City may, at its sole discretion demand review and the right to request at any time further detailed accounting information for any or all bills. The right to inspection of any bill and invoice shall never be at any cost or billings to the City, nor shall preparation of said invoices be billed to the City or against the general retainer. Payment terms will be net 30 days after invoice unless otherwise specified by the City.

**4.** Contractor shall employ personnel of good moral character and fitness in performing all services under this Agreement.

**5. INSURANCE SUBMISSION REQUIREMENTS:** The Contractor has submitted proof to the City that it meets all City insurance requirements. Insurance, with coverage amounts at



no less than the City's minimum requirements, must be held by the Contractor throughout the term of this Agreement. Certificates of insurance as stated below will be required no later than five (5) business days from the date of Contractors acceptance of the terms of this Agreement.

**6. CONFIDENTIAL AND OR PROPRIETARY INFORMATION:** The Contractor acknowledges that in performing services pursuant to this Agreement, certain confidential and/or proprietary information (including, but not limited to, internal organization, methodology, personnel and financial information, etc.) may become involved. The Contractor recognizes that unauthorized exposure of such confidential or proprietary information could irreparably damage the City. Therefore, the Contractor agrees to use reasonable care to safeguard the confidential and proprietary information and to prevent the unauthorized use or disclosure thereof. The Contractor shall inform its employees of the confidential or proprietary nature of such information and shall limit access thereto to employees rendering services pursuant to this Agreement. The Contractor further agrees to use such confidential or proprietary information only for the purpose of performing services pursuant to this Agreement.

**7. INDEPENDENT CONTRACTOR:** The Contractor and the City agree that the Contractor is acting as an independent contractor with respect to the Contractors role in providing services to the City pursuant to this Agreement, and as such, shall be liable for its own actions and neither the Contractor nor its employees shall be construed as employees of the City. Nothing contained in this Agreement shall be construed to imply a joint venture or partnership and neither party, by virtue of this Agreement, shall have any right, power or authority to act or create any obligation, express or implied, on behalf of the other party, except as specifically outlined herein. Neither the City nor the Contractor shall be considered or construed to be the agent of the other, nor shall either have the right to bind the other in any manner whatsoever, except as specifically provided in this Agreement, and this Agreement shall not be construed as a contract of agency. The Contractor shall not be considered entitled or eligible to participate in any benefits or privileges given or extended by the City, or be deemed an employee of the City for purposes of federal or state withholding taxes, FICA taxes, unemployment, workers' compensation or any other employer contributions on behalf of the City.

**8. COMPLIANCE WITH LAWS:** Contractor agrees to fully and faithfully carry out the duties of set forth herein using its best efforts in accomplishing all assignments from the City, and further, in addition to upholding all federal, and state laws and applicable codes of professional conduct to which Contractor is subject, Contractor hereby agrees to be bound by all Federal, State, or City of Birmingham ordinances, rules, regulations and policies as are amended from time to time, and including without limitation the Fair Labor Standards Act, the Equal Employment Opportunity rules and regulations, the Transportation Safety Act and the Occupational Safety and Health Acts.

**9. NON-COMPLIANCE WITH INSURANCE REQUIREMENTS:** Failure to deliver and maintain insurance in accordance with the terms of this Agreement will be cause for the City, by and through its City Manager, to terminate this Agreement, or at the City's option, the City may purchase on the open market such required insurance and shall be entitled to charge any additional cost to the Contractor, either by offset to any amounts due and owing Contractor for services provided to the City, or, by separate bill and demand for payment. Nothing in this paragraph shall be deemed to create or be interpreted as establishing a "for cause" termination; Contractor agrees and understands that its engagement is at will and may be terminated by the City Manager for any cause or no cause.

**10. INDEMNIFICATION:** To the fullest extent permitted by law, the Contractor shall indemnify and hold the City of Birmingham, its elected and appointed officials, employees and volunteers and others working on behalf of the City harmless from and against damages, losses and judgments, which may be asserted, claimed, or recovered against or from the City, its elected and appointed officials, employees, volunteers or others working on behalf of the City, including reasonable attorney fees and expenses recoverable under applicable law, but only to the extent of the degree of fault of the Michigan licensed architect for negligent acts or omissions of the Architect, its employees and its consultants in the performance of their professional services, in the performance of this Agreement.

**11. STANDARD INSURANCE REQUIREMENTS:** The Contractor shall maintain during the life of this Agreement the applicable types of insurance coverage and minimum limits as set forth below:

F. Workers' Compensation Insurance:

For Non-Sole Proprietorships: Contractor shall procure and maintain during the life of this Agreement, Workers' Compensation Insurance, including Employers Liability Coverage, in accordance with all applicable statutes of the State of Michigan.

For Sole Proprietorships: Contractor shall complete and furnish to the City prior to the commencement of work under this Agreement a signed and notarized Sole Proprietor Form, for sole proprietors with no employees or with employees, as the case may be.

G. Commercial General Liability Insurance: Contractor shall procure and maintain during the life of this Agreement, Commercial General Liability Insurance on an "Occurrence Basis" with limits of liability not less than **\$2,000,000** per occurrence combined single limit, Personal Injury, Bodily Injury and Property Damage. Coverage shall include the following extensions: (A) Contractual Liability; (B) Products and Completed Operations; (C) Independent Contractor Coverage; (D) Broad Form General Liability Extensions or equivalent; (E) Deletion of all Explosion, Collapse and Underground (XCU) Exclusions, if applicable.

H. Additional Insured: Commercial General Liability and Motor Vehicle Liability Insurance, as described above, shall include an endorsement stating the following **Additional Insureds: The City of Birmingham, including all elected and appointed officials, all employee and volunteers, all boards, commissions and/or authorities and board members, including employees and volunteers thereof.** This coverage shall be primary to any other coverage that may be available to the additional insured, whether any other available coverage by primary, contributing or excess.

I. Professional Liability: If applicable, professional liability insurance with limits of not less than \$2,000,000 per claim if Contractor will provide services that are customarily subject to this type of coverage.

J. Coverage Expiration: If any of the above coverages expire during the term of this Agreement, Contractor shall deliver renewal certificates and/or policies to the City at least (10) days prior to the expiration date.

K. Proof of Insurance Coverage: Contractor shall provide the City of Birmingham at the time the Agreement is returned for execution, Certificates of Insurance and/or policies, acceptable to the City of Birmingham, as listed below.

- 1) Two (2) copies of Certificate of Insurance for Workers' Compensation Insurance, or a signed and notarized copy of the Sole Proprietor Form;
- 2) Two (2) copies of Certificate of Insurance for Commercial General Liability Insurance;
- 3) Two (2) copies of Certificate of Insurance for Vehicle Liability Insurance;
- 4) Two (2) copies of Certificate of Insurance for Professional Liability Insurance, if applicable;
- 5) If so requested, Certified Copies of all policies mentioned above will be furnished.

L. Maintaining Insurance: Upon failure of the Contactor to obtain or maintain such insurance coverage for the term of the Agreement, the City of Birmingham may, at its option, purchase such coverage and subtract the cost of obtaining such coverage from the Agreement amount. In obtaining such coverage, the City of Birmingham shall have no obligation to procure the most cost-effective coverage but may contract with any insurer for such coverage.

**12. WRITTEN NOTICES:** Written notices regarding this Agreement shall be addressed to the following:

City: City of Birmingham  
151 Martin Street  
Birmingham, Michigan 48009  
Attn: City Manager Jana Ecker

Contractor:

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**13. AMENDMENTS:** No amendment, modification or supplement to this Agreement shall be binding unless it is in writing and signed by authorized representatives of the parties.

**14. WAIVER OF BREACH:** No waiver by either party of any breach of any of the terms, covenants or conditions herein contained by the other party shall be construed as a waiver of any succeeding breach of this same or of any other term, covenant or condition.

**15. COMPLETE AGREEMENT:** The parties agree that the conditions set forth in this Agreement sets forth all terms and conditions of Contractor agreement with the City of Birmingham.

This Agreement supersedes all prior agreements or understandings between the parties. There are no promises, conditions or understandings other than those stated herein, and, that any prior negotiations, terms or conditions discussed between the City and the Contractor shall not constitute a part of this Agreement. The term "agreement" as used in this clause shall include any future written amendments, modifications, or supplements made in accordance herewith.

**16. DIRECT OR INDIRECT INTEREST:** If, after the effective date of this Agreement, any official of the City, or spouse, child, parent or in-law of such official or employee shall become directly or indirectly interested in this Agreement or the affairs of the Contractor, the City shall have the right to terminate this Agreement without further liability to the Contractor if the disqualification has not been removed within thirty (30) days after the City has given the Contractor notice of the disqualifying interest. Ownership of less than one percent (1%) of the stock or other equity interest in a corporation or partnership shall not be a disqualifying interest. Employment shall be a disqualifying interest.

**17. FAILURE TO PERFORM.** If Contractor fails to perform its obligations hereunder, the City may take any and all remedial actions provided by the general specifications or otherwise permitted by law.

**18. LEGAL PROCEEDINGS:** Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, shall be settled either by commencement of a suit in Oakland County Circuit Court, the 48<sup>th</sup> District Court or by arbitration. If both parties elect to have the dispute resolved by arbitration, it shall be settled pursuant to Chapter 50 of the Revised Judicature Act for the State of Michigan and administered by the American Arbitration Association with one arbitrator being used, or three arbitrators in the event any party's claim exceeds \$1,000,000. Each party shall bear its own costs and expenses and an equal share of the arbitrator's and administrative fees of arbitration. Such arbitration shall qualify as statutory arbitration pursuant to MCL §600.5001 et seq., and the Oakland County Circuit Court or any court having jurisdiction shall render judgment upon the award of the arbitrator made pursuant to this Agreement. The laws of the State of Michigan shall govern this Agreement, and the arbitration shall take place in Oakland County, Michigan. In the event that the parties elect not to have the matter in dispute arbitrated, any dispute between the parties may be resolved by the filing of a suit in a federal or state court with jurisdiction over Oakland County, Michigan.

**19. RESPONSE TO REQUESTS FOR PROPOSALS:** The Contractor shall be held to and bound by all terms, conditions, warranties and representations which it made in its written response dated \_\_\_\_\_, to the City's Request for Proposals dated \_\_\_\_\_ (attached hereto as Attachment "B"). In the event of a conflict in any of the terms of this Agreement and the Contractor's response, the terms of this Agreement shall prevail.

**20. FAIR PROCUREMENT OPPORTUNITY:** Procurement for the City of Birmingham will be handled in a manner providing fair opportunity for all businesses. This will be accomplished without abrogation or sacrifice of quality and as determined to be in the best interest of the City of Birmingham.

**IN WITNESS WHEREOF**, the parties hereto agree to be bound by the above terms and conditions, and Contractor, by its authorized signature below, expressly accepts this Agreement upon the above provided terms and conditions contained in this Agreement as of the date first above written.

Contractor

By: \_\_\_\_\_

Its: \_\_\_\_\_

STATE OF MICHIGAN    )  
  ) ss:  
COUNTY OF OAKLAND    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared \_\_\_\_\_, who acknowledged that with authority on behalf of \_\_\_\_\_ to do so he/she signed this Agreement.

\_\_\_\_\_  
Notary Public  
\_\_\_\_\_  
County, Michigan  
Acting in \_\_\_\_\_ County, Michigan  
My commission expires: \_\_\_\_\_

**CITY OF BIRMINGHAM:**

By: \_\_\_\_\_  
Elaine McLain, Mayor

By: \_\_\_\_\_  
Alexandria D. Bingham, City Clerk

**APPROVED:**

\_\_\_\_\_  
Jana L. Ecker, City Manager  
(Approved as to substance)

\_\_\_\_\_  
Mark A. Gerber, Finance Director  
(Approved as to Financial Obligation)

\_\_\_\_\_  
Mary M. Kucharek, City Attorney  
(Approved as to form)

\_\_\_\_\_  
Melissa Fairbairn, Assistant City  
Manager (Approved as to substance)

## ATTACHMENT B:

<b>Phase 1: Needs Assessment</b>	
<b>2/12 - CC</b>	<ul style="list-style-type: none"> <li>Hired Consultants for Needs Assessment &amp; Concept Plans</li> </ul>
<b>3/4 - CC</b>	<ul style="list-style-type: none"> <li>Creation of Ad Hoc Senior/Recreation Center Committee</li> </ul>
<b>3/18 - CC</b>	<ul style="list-style-type: none"> <li>Appointments to Ad Hoc Senior/Recreation Center Committee</li> </ul>
<b>3/20 - SCC</b>	<ul style="list-style-type: none"> <li>Select Chair and Vice-Chair</li> <li>Establish future meeting schedule</li> <li>Review purpose of Ad Hoc Committee</li> <li>Discuss duties of Ad Hoc Committee</li> <li>Review draft Community Survey</li> <li>Begin crafting vision, goals &amp; objectives of project</li> <li>Prepare draft project process and timeline</li> </ul>
<b>3/22 - Survey</b>	<ul style="list-style-type: none"> <li>Go live with Community Survey (through 4/26)</li> </ul>
<b>3/27 - SCC</b>	<ul style="list-style-type: none"> <li>Finalize vision, goals and objectives of project</li> <li>Finalize project process and timeline</li> </ul>
<b>4/3 - SCC</b>	<ul style="list-style-type: none"> <li>Finalize project process and timeline</li> <li>Discuss use and timing of owner's representative</li> </ul>
<b>4/8 - CC</b>	<ul style="list-style-type: none"> <li>Appointment of City Commissioner to Ad Hoc Senior/Recreation Center Committee</li> <li>Present vision, goals and objectives to City Commission for approval</li> <li>Present project process and timeline to City Commission for approval</li> </ul>
<b>4/10 - SCC</b>	<ul style="list-style-type: none"> <li>YMCA facility tour (meeting to be held on site at 400 E. Lincoln)</li> </ul>
<b>4/17 - SCC</b>	<ul style="list-style-type: none"> <li>Review findings of Programming Study</li> <li>Review and finalize RFP for owner's representative</li> </ul>
<b>4/18 - Post RFP for OR</b>	<ul style="list-style-type: none"> <li>Post RFP on MITN for owner's representative (due 5/10)</li> </ul>
<b>4/24 - SCC</b>	<ul style="list-style-type: none"> <li>Finalize RFQ for architects to qualify for final design and construction plan preparation</li> </ul>
<b>4/25 - Post RFQ for Architects</b>	<ul style="list-style-type: none"> <li>Post RFQ on MITN for architects to qualify for final design and construction plan preparation (due 5/16)</li> </ul>
<b>4/26 - Report</b>	<ul style="list-style-type: none"> <li>Delivery of Needs Assessment Report</li> </ul>
<b>4/29 - Open House</b>	<ul style="list-style-type: none"> <li>Conduct community open house at YMCA (6-8pm)</li> <li>Present findings of Community Survey</li> </ul>
<b>5/1 - SCC</b>	<ul style="list-style-type: none"> <li>Review community survey &amp; open house public input</li> <li>Review Needs Assessment Report</li> </ul>
<b>5/8 - SCC</b>	<ul style="list-style-type: none"> <li>Final review and recommendation of Needs Assessment Report to City Commission</li> </ul>
<b>5/10 - OR Responses</b>	<ul style="list-style-type: none"> <li>Responses due from RFP for owner's representative</li> </ul>
<b>5/15 - SCC</b>	<ul style="list-style-type: none"> <li>Review and evaluate proposals for owner's representative</li> <li>Recommend preferred owner's representative to City Commission</li> </ul>
<b>5/16 - RFQ Responses</b>	<ul style="list-style-type: none"> <li>Responses due from RFQ for architects</li> </ul>
<b>5/20 - CC</b>	<ul style="list-style-type: none"> <li>Needs Assessment Report presented to City Commission for approval</li> <li>City Commission selects owner's representative</li> </ul>

## **Phase 2: Concept Plans**

<b>5/22 - SCC</b>	<ul style="list-style-type: none"> <li>• Owner's representative attends first ad hoc meeting</li> <li>• Review responses from RFQ for architects</li> </ul>
<b>5/29 - SCC</b>	<ul style="list-style-type: none"> <li>• Review draft RFP for final design and construction plan preparation</li> </ul>
<b>6/11 – Report (90%)</b>	<ul style="list-style-type: none"> <li>• Delivery of Draft Report (90% complete)</li> </ul>
<b>6/12 - SCC</b>	<ul style="list-style-type: none"> <li>• Finalize RFP for final design and construction plan preparation</li> <li>• Discuss potential funding options</li> </ul>
<b>6/19 - SCC</b>	<ul style="list-style-type: none"> <li>• Review Draft Report</li> </ul>
<b>6/21 – Concept Plans &amp; Final Report</b>	<ul style="list-style-type: none"> <li>• Delivery of concept plan options</li> <li>• Delivery of Final Report</li> </ul>
<b>6/26 - SCC</b>	<ul style="list-style-type: none"> <li>• Evaluate concept plan options</li> <li>• Review Final Report</li> </ul>
<b>7/10 - SCC</b>	<ul style="list-style-type: none"> <li>• Recommend preferred concept plan &amp; Final Report to City Commission</li> </ul>
<b>7/22 - CC</b>	<ul style="list-style-type: none"> <li>• Preferred concept plan &amp; Final Report presented to City Commission for approval</li> <li>• Discuss potential funding options</li> </ul>

## **Phase 3: Final Site Plan & Design Review, Preparation of Construction Plans**

<b>7/23 – Post RFP</b>	<ul style="list-style-type: none"> <li>• Post RFP for final design and construction plan preparation (due 8/22)</li> </ul>
<b>7/24 - SCC</b>	<ul style="list-style-type: none"> <li>• Available if needed</li> </ul>
<b>7/31 - SCC</b>	<ul style="list-style-type: none"> <li>• Discuss parameters and applicable regulations for site plan and design review</li> </ul>
<b>8/22 – RFP Proposals</b>	<ul style="list-style-type: none"> <li>• Final design and construction plan proposals due</li> </ul>
<b>8/28 - SCC</b>	<ul style="list-style-type: none"> <li>• Review and evaluate architectural proposals received</li> </ul>
<b>9/4 - SCC</b>	<ul style="list-style-type: none"> <li>• Interview architectural consultants</li> <li>• Recommend architectural consultants to City Commission</li> </ul>
<b>9/16 – CC</b>	<ul style="list-style-type: none"> <li>• Recommend and/or interview architectural consultants at City Commission</li> <li>• Award consultant contract</li> </ul>
<b>9/18 - SCC</b>	<ul style="list-style-type: none"> <li>• Begin design discussions with architectural consultants</li> </ul>
<b>9/25 - SCC</b>	<ul style="list-style-type: none"> <li>• Review draft RFP / bid for project construction</li> </ul>
<b>10/2 - SCC</b>	<ul style="list-style-type: none"> <li>• Begin site plan and design review</li> </ul>
<b>10/9 – SCC</b>	<ul style="list-style-type: none"> <li>• Continue site plan and design review</li> </ul>
<b>10/16 - SCC</b>	<ul style="list-style-type: none"> <li>• Continue site plan and design review</li> </ul>
<b>10/23 – SCC</b>	<ul style="list-style-type: none"> <li>• Continue site plan and design review</li> <li>• Recommend final site plan and design to City Commission</li> </ul>
<b>10/28 - CC</b>	<ul style="list-style-type: none"> <li>• Final site plan and design for 400 E. Lincoln presented to City Commission for approval</li> </ul>
<b>10/30 - SCC</b>	<ul style="list-style-type: none"> <li>• Finalize RFP / bid for project construction</li> </ul>
<b>11/18 - CC</b>	<ul style="list-style-type: none"> <li>• Second meeting if needed for final site plan and design approval</li> </ul>

## Phase 4: Construction & Construction Management

**11/11 – 12/2 Post  
RFP/Bid  
1/27/25 - CC**

- Post RFP or bid for construction with approved site plan and design plans (due in 30-45 days)
- Award construction contract

DRAFT





Environmental Services, Inc.

28054 Center Oaks Court, Suite B • Wixom, Michigan 48393 • Voice: 248.926.3800 • Fax: 248.926.3838  
105 Bradford Road, Suite 320 • Wexford, PA 15090 • Voice: 412.463.6576

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# Phase I Environmental Site Assessment

**COMMERCIAL PROPERTY  
400 E. LINCOLN STREET  
BIRMINGHAM, OAKLAND COUNTY, MICHIGAN 48009  
PERFORMANCE PROJECT #2310483**

**Prepared for:**

**Mr. John Galik  
City of Birmingham  
151 Martin Street  
Birmingham, MI 48012**

**by:**

**Performance Environmental Services, Inc.  
28054 Center Oaks Court, Suite B  
Wixom, Michigan 48393**

**April 19, 2023**

## EXECUTIVE SUMMARY

Performance Environmental Services, Inc. (*Performance*) has conducted a Phase I Environmental Site Assessment (ESA) of the commercial property located at 400 E. Lincoln Street, in Birmingham, Oakland County, Michigan (Subject Property). The Phase I ESA was performed in conformance with the scope and limitations of the ASTM International Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process – E1527-13 (ASTM E1527-13 Standard Practice).

*Performance* was retained by Mr. John Galik of the City of Birmingham to conduct this Phase I ESA. The City of Birmingham may rely on the results of this assessment for business decisions relating to the environmental condition of the Subject Property.

<b>SUBJECT PROPERTY ADDRESS</b>	400 E. Lincoln Street Birmingham, Oakland County, Michigan 48009
<b>INTENDED USER(s)</b>	City of Birmingham
<b>PROPERTY INFORMATION</b>	
Owner	YMCA
Land Area	1.52 Acres
Parcel ID Number(s)	08-19-36-403-032
Subject Building(s)	One 22,600 ft <sup>2</sup> commercial building
Current Occupant(s)	Birmingham Family YMCA
Current Use(s)	Recreational center
Water/Sanitary	Municipal water/sewer
Heating Source	Natural gas
<b>SUBJECT PROPERTY HISTORIC USE</b>	The Subject Property was undeveloped land from at least 1908 until sometime prior to 1952 when a commercial building was constructed in the northeast corner of the Subject Property. In 1959 the present-day Subject Building was constructed in the northwest corner of the Subject Property. Both buildings were historically utilized by the YMCA. The northeastern building was demolished sometime prior to 1997. The Subject Building underwent several expansions over the decades until it achieved its present-day configuration.
<b>ADJACENT PROPERTY USAGE</b>	
North	E. Lincoln Avenue with residential properties beyond
East	Floyd Street with commercial property (dental lab) and an apartment building beyond
South	St. James Park
West	Edgewood Road with a church and residential property beyond

<b>RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)</b>	None identified
<b>RECOMMENDATIONS</b>	No further environmental due diligence is warranted for the Subject Property at this time.
<b>BUSINESS ENVIRONMENTAL RISKS (BERs):</b>	Asbestos-containing materials (ACMs) were identified in a 2021 asbestos inspection and subsequent abatement activities conducted in the cycling room of the Subject Building. Given the age of the Subject Building, other asbestos-containing materials may or may not still be present in the Subject Building.
<b>RECOMMENDATIONS</b>	Prior to any activity that may disturb or damage suspect ACMs (e.g. demolition or renovation activities, routine maintenance, repairs, etc.), an asbestos building inspection conforming to the National Emission Standard for Hazardous Air Pollutants (NESHAP), the Asbestos Hazard Emergency Response Act (AHERA), and/or State regulations may be required.

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- Figure 1 Subject Property Location Map
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## APPENDICES

- Appendix A Legal Description and Assessing Information
- Appendix B Reconnaissance Photographs
- Appendix C User Provided Information
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- Appendix F EDR Aerial Photographs
- Appendix G EDR Historic Topographic Maps
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- Appendix I EDR City Directory Abstract
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## 1.0 INTRODUCTION

The City of Birmingham retained *Performance* to conduct a Phase I ESA for the commercial property located at 400 E. Lincoln Street in Birmingham, Oakland County, Michigan (the “Subject Property”). The City of Birmingham requested that *Performance* conduct this Phase I ESA as part of their due diligence prior to acquiring the Subject Property. *Performance* understands that the City of Birmingham will be the user<sup>1</sup> of this Phase I ESA.

### 1.1 Purpose

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs)<sup>2</sup> in connection with the Subject Property in accordance with ASTM International (ASTM) E1527-13 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process” (the “Standard”). This Phase I ESA is intended to allow the user to qualify for either the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on liability (hereinafter, the “landowner liability protections”) available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended (42 U.S.C. §9601). No sampling activities or testing of soil, water, air, building materials, or other media was performed.

### 1.2 Scope of Services

*Performance* conducted the following scope of services in order to meet the purpose of this Phase I ESA.

- **Interviews:** Environmental Professional (EP) conducted interviews with appropriate individuals and governmental entities as listed in Section 6.0 in order to identify potential RECs.
- **Records Review:** reviewed reasonably ascertainable government agency databases utilizing approximate minimum search distances prescribed in the Standard; reviewed current USGS 7.5-Minute Topographic Map for the Subject Property; regional geology and soil maps for the Subject Property; and reasonably ascertainable historical resources back to its first developed use, or back to 1940, whichever was earlier.

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<sup>1</sup> The term user is defined in the Standard as “the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.” The user is also the party that intends to use the Phase I ESA to satisfy one of the requirements to qualify for the landowner liability protections under CERCLA.

<sup>2</sup> The term recognized environmental conditions (RECs) is defined in the Standard as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.”

- **Reconnaissance Activities:** Subject Property reconnaissance performed by an EP to assist with identifying potential RECs; reconnaissance activities including observations of the interior and exterior portions of the Subject Property and evaluation of the current and former uses; current uses of adjoining properties visually and/or physically observable from the Subject Property and/or public areas.
- **Report Preparation:** Completion of this Phase I ESA report detailing the above services, findings, opinions, conclusions, and recommendations.

### 1.3 Limitations and Exceptions

*Performance* conducted this Phase I ESA consistent with professional standards and in accordance with the scope and limitations defined in the Standard. This report presents *Performance's* field observations, results, and opinions as they existed on the date of the reconnaissance, and is subject to modification by *Performance*, if *Performance* or any other party develops subsequent information. Limiting conditions encountered as part of this ESA, if any, are discussed in the corresponding sections of this report.

Performance of this Phase I ESA is intended to reduce, but not eliminate, uncertainty of environmental conditions associated with the property. Therefore, the information and comments made in this report should not be construed to warrant or guarantee the property, or express or imply, without limitation, warranties as to its marketability or fitness for a particular use. Furthermore, the information that is provided in this report is not intended, nor should it be construed to be, legal advice. The review of site-specific documentation was limited to those items referenced in this report.

It should be noted that this Phase I ESA report is time sensitive and has specific limitations related to the viability of the information contained herein. Specific to Phase I ESAs, the Standard imposes a "shelf life"<sup>3</sup> on the reports and components thereof, as well as specific user obligations. It is the responsibility of the user to verify the continued viability of the report.

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<sup>3</sup> According to the Standard, the shelf life, or "continued viability," of the ESA is "Subject to Section 4.8, an environmental site assessment meeting or exceeding this practice and completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction is presumed to be valid. If within this period the assessment will be used by a user different than the user for whom the assessment was originally prepared, the subsequent user must also satisfy the user's Responsibilities in Section 6. Subject to Section 4.8 and the user's Responsibilities set forth in Section 6, an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction may be used provided that the following components of the inquiries were conducted or updated within 180 days of the date of purchase or the date of the intended transaction: (i) interviews with owners, operators, and occupants; (ii) searches for recorded environmental cleanup liens; (iii) reviews of federal, tribal, state, and local government records; (iv) visual inspections of the property and of adjoining properties; and (v) the declaration by the environmental professional responsible for the assessment or update."



## 1.4 Significant Assumptions

*Performance* completed this Phase I ESA using the following significant assumptions:

- The regulatory database information obtained by *Performance* as part of this Phase I ESA was assumed to accurately reflect regulatory agency records, unless contradicted by other data identified during the course of this Phase I ESA.
- The information obtained from presumably knowledgeable parties (e.g., Subject Property owner, manager, user, tenants, etc.), regulatory agencies, or other sources was assumed to be accurate and reliable.
- Shallow groundwater flow was assumed to mimic area topography as depicted on the local USGS 7.5-minute topographic map and as observed during the reconnaissance.

## 1.5 Non-Scope Considerations and Additional Services

Unless otherwise explicitly stated, the scope of services for this Phase I ESA does not include the collection and analysis of any environmental media. In accordance with the Standard, issues considered beyond the scope of this Phase I ESA include asbestos-containing materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, PCB-containing building materials, controlled substances, and mold. In addition, issues regarding ionizing radiation, oil/gas production, mineral rights and mining, and geotechnical suitability are also considered beyond the scope of this ESA.

No additional services beyond the scope defined in the Standard were requested by the City of Birmingham as part of the Phase I ESA.

## 1.6 Special Terms and Conditions

There are no special terms or conditions associated with this Phase I ESA.

## 1.7 Reliance

*Performance* was retained by Mr. John Galik of the City of Birmingham to conduct this Phase I ESA. The City of Birmingham may rely on the results of this assessment for business decisions relating to the environmental condition of the Subject Property.

## **2.0 SUBJECT PROPERTY DESCRIPTION**

### **2.1 Location and Legal Description**

The Subject Property is located on the south side of E. Lincoln Avenue, on the southwest corner of Floyd Street and E. Lincoln Avenue, at 400 E. Lincoln Street, Birmingham, Oakland County, Michigan. The Subject Property parcel ID number is 08-19-36-403-032. A Subject Property Location Map and Subject Property Diagram are attached as Figures No. 1 and 2, respectively. Refer to Appendix A for a copy of the legal description.

### **2.2 Subject Property and General Vicinity Characteristics**

The Subject Property is comprised of a 1.52-acre parcel of land occupied by a single commercial building. The remainder of the Subject Property consists of paved parking and landscaped areas.

The land use in the immediate vicinity of the Subject Property consists of a mix of commercial and residential properties along E. Lincoln Avenue. The surrounding community is well developed with single-family homes and commercial businesses.

The topography of the Subject Property and the vicinity is generally flat.

### **2.3 Current Use of the Subject Property**

The Subject Property is owned by the YMCA and is occupied by the Birmingham Family YMCA.

### **2.4 Description of Structures, Roads, and Other Improvements**

The Subject Property is occupied by a single commercial building (Subject Building) situated on the northwestern portion of the property and a parking lot on the southern and eastern portions of the property. The Subject Building is a 22,600-square foot three-story structure, complete with a multiple basement areas. The Subject Building was utilized as a YMCA branch (recreational center). The remainder of the Subject Property is occupied by asphalt-paved parking and landscaped areas. An asphalt driveway and parking lot connect the Subject Building to E. Lincoln Avenue to the north, Floyd Street to the east, and Edgewood Road to the west. Refer to Appendix B for photographs of the Subject Property.

The Subject Property is connected to municipal water and sanitary sewer services, electric service, and natural gas service.

### **2.5 Current Uses of the Adjacent Properties**

The Subject Property was bordered to the north by E. Lincoln Avenue with residential properties beyond. The Subject Property was bordered to the east by Floyd Street with a commercial property (dental lab) and apartment building beyond. The Subject Property is bordered to the south by St. James Park, complete with a baseball field and tennis courts. The Subject Property was bordered to the west by Edgewood Road with a church and residential property beyond.

### **3.0 USER PROVIDED INFORMATION**

A user questionnaire was completed by Mr. Thomas Markus of the City of Birmingham, as representative of the user, and provided the following information indicating the extent of his knowledge pertaining to the Subject Property. A copy of the completed user questionnaire is provided in Appendix C. The following Sections summarize the information provided.

#### **3.1 Title Records**

*Performance* was not provided with additional information with respect to title records for the Subject Property.

#### **3.2 Environmental Liens or Activity and Use Limitations**

Mr. Markus is not aware of any environmental liens against the Subject Property that have been filed or recorded under federal, tribal, state, or local law. In addition, he is not aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law.

*Performance* was not engaged to independently verify the absence of environmental liens or AULs in connection with the Subject Property.

#### **3.3 Specialized Knowledge**

Mr. Markus does not have specialized knowledge or experience related to the Subject Property or nearby properties. Based on his knowledge and experience related to the Subject Property, there are no obvious indicators of the presence or likely presence of contamination at the Subject Property.

#### **3.4 Valuation Reduction for Environmental Issues**

Mr. Markus indicated that it was unknown if the purchase price for the Subject Property reasonably reflects its fair market value with no discount for environmental issues.

#### **3.5 Commonly Known or Reasonably Ascertainable Information**

*Performance* was not provided with any additional information regarding commonly known or reasonably ascertainable information about the Subject Property that would help to identify conditions indicative of releases or threatened releases.

### **3.6 Owner, Property Manager, and Occupant Information**

According to Mr. Markus, the Subject Property is owned by the YMCA and is utilized as a recreational center.

### **3.7 Reason for Performing Phase I ESA**

*Performance* was engaged by the City of Birmingham to conduct this Phase I ESA as part of their due diligence prior to acquiring the Subject Property and to satisfy one of the requirements to qualify for one of the landowner liability protections under CERCLA.

### **3.8 Intended Use of the Subject Property**

According to Mr. Markus, the Subject Property will continue to be operated as a recreational center.

### **3.9 Proceedings Involving the Subject Property**

Mr. Markus is not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Subject Property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Subject Property; or any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

## 4.0 RECORDS REVIEW

### 4.1 Physical Setting Sources

*Performance* reviewed information from various physical setting sources to evaluate the general characteristics of the subsurface geology and hydrogeology in the vicinity of the Subject Property. This information was reviewed to solely evaluate how those characteristics may influence movement of potential subsurface impact identified on or near the Subject Property.

<b>TOPOGRAPHIC MAP</b>	Birmingham, Michigan - 1981
<b>ELEVATION</b>	760± feet above mean sea level (msl)
<b>TOPOGRAPHIC GRADIENT</b>	Generally flat.
<b>NEAREST SURFACE WATER BODY</b>	Nearest surface water body was depicted as the Rouge River approximately 4,200 feet to the west.
<b>REGIONAL SURFICIAL GEOLOGY</b>	According to the Quaternary Geology of Southern Michigan (Farrand and Bell, 1982), the regional geology in the area of the Subject Property consists primarily of lacustrine sand and gravel, which is gray to dark reddish brown, varved in some localities, and chiefly underlies extensive, flat, low-lying areas formerly inundated by glacial Great Lakes, but also occurs in separate, small lake basins including small areas of lacustrine sand and clay-rich till.
<b>REGIONAL BEDROCK GEOLOGY</b>	The Bedrock Geology of Michigan Map (EGLE Geologic Survey Division, 1987) indicates that the bedrock in the area of the Subject Property consists of the Coldwater Shale and is estimated to be approximately 200 feet below ground surface.
<b>SUBJECT PROPERTY GEOLOGY – PREVIOUS REPORT(S)</b>	Not applicable.
<b>SUBJECT PROPERTY HYDROGEOLOGY</b>	Based on the topographic gradient in the vicinity of the Subject Property, shallow groundwater is anticipated to flow west toward the Rouge River. The depth to groundwater is not known; however, based on the Subject Property’s elevation of 760± feet above msl and the surface elevation of the Rouge River at 720± feet above msl, depth to groundwater is anticipated to be at approximately 40 feet below grade. However, actual groundwater characteristics cannot be determined without a Subject Property-specific subsurface investigation.

**SUBJECT PROPERTY  
HYDROGEOLOGY –  
PREVIOUS REPORT(S)**

Not applicable.

## 4.2 Environmental Record Sources

*Performance* contracted with Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut to conduct a search of reasonably ascertainable environmental record sources published by Federal, State, and/or Tribal regulatory agencies with jurisdiction over the Subject Property as well as their proprietary databases of historical auto station, dry cleaner, and manufactured gas plant locations. The search of each database was conducted using the minimum search distances from the Subject Property defined by the Standard.

The results of EDR’s search were used to evaluate if the Subject Property and/or properties within the specific search distances are listed as having a past or present record of actual or potential environmental impact. Please note that regulatory listings include only those properties, which are known to the regulatory agencies at the time of publication to be 1) contaminated, 2) in the process of evaluation for potential contamination, or 3) regulated. Inclusion of a property in a government database list does not necessarily indicate that the property has an environmental problem.

EDR’s Radius Map Report, dated April 5, 2023, plotted the locations and information identified in the reviewed databases in relation to the Subject Property. Refer to Appendix D for a copy of EDR’s Radius Map Report.

### 4.2.1 Subject Property Listings

The EDR Radius Map Report listed the Subject Property on the Asbestos and Waste Data System (WDS) databases as YMCA of Metropolitan Detroit, Birmingham. The Asbestos listing indicated that asbestos abatement activities were conducted at the Subject Property in 2021, removing 100 linear feet and 300 square feet of asbestos-containing materials. The WDS database indicated that the Subject Property had a generator ID # MIG000062885. No other information was listed.

The Subject Property did not appear on the other databases included in the EDR Radius Map Report.

### 4.2.2 Non-Subject Property Listings

EDR’s Radius Map Report identified several non-Subject Property listings on the various databases within the approximate minimum search distances from the Subject Property. *Performance* reviewed the data presented for these listings and evaluated them based on their regulatory status (according to EDR’s report), their distance from the Subject Property, and the general geology and hydrogeology of the region (refer to Section 4.1). Information related to the

nearest listings interpreted to be up-gradient and/or to have a potential to impact the subsurface at the Subject Property are provided below:

- Birmingham Bloomfield Credit Union at 500 E. Lincoln Avenue was located on the eastern adjacent property and hydraulically cross-gradient of the Subject Property. This site was listed on the Resource Conservation and Recovery Act (RCRA) Very Small Quantity Generator (RCRA-VSQG) database. The RCRA-VSQG database indicated that the site generated less than 100 kg. of hazardous waste per month since 2003 through the present and no violations were listed.
- Grant Street Cleaner was located approximately 317 feet east-southeast and hydraulically down-gradient of the Subject Property. This site was listed on the Drycleaners, WDS, EDR Historical Cleaners, RCRA-VSQG, Facility Index System (FINDS), and Enforcement and Compliance History Online (ECHO) databases. The Drycleaners database indicated that the site was currently open and utilized perchloroethylene and petroleum as dry cleaning materials since 1994. The WDS database indicated the site's generator ID# was MIR000032284. The site had five violations listed in 2003 that all achieved compliance within seven months. The EDR Historical Cleaner database indicated the site was a dry cleaner from 1999 through 2014. The RCRA-VSQG database indicated that the site generated less than 100 kg. of hazardous waste per month since 2006 through the present and no violations were listed. The site was listed on the FINDS and ECHO databases as a result of being listed on the RCRA database.

Please refer to EDR's Radius Map Report in Appendix D for a complete list and detail of the remaining non-Subject Property listings.

### **4.2.3 Orphan Listings**

Not all sites or facilities identified in the database records can be accurately located in relation to the Subject Property due to incomplete information being supplied to the regulatory agencies and are referred to as "orphan sites" by EDR. The "Orphan Summary" section of the EDR Radius Map Report did not identify any orphan sites.

### **4.2.4 State Environmental Regulatory Agency**

#### *4.2.4.1 Subject Property*

Based on its listing on the Asbestos and WDS databases, *Performance* reviewed information available on the Michigan Department of Environment, Great Lakes, and Energy (EGLE) WDS database website for the Subject Property. The website indicated similar information as described above in Section 4.2.1. No other information was listed for the Subject Property.



#### 4.2.4.2 Adjacent/Nearby Properties

Based on the evaluation of the government environmental database listings described in Section 4.2.2, *Performance* conducted additional review of regulatory agency files and/or databases for the following properties:

- Based upon its listing on the RCRA-VSQG database, *Performance* viewed available information for the Birmingham Bloomfield Credit Union site on the EGLE WDS database website. The website indicated similar information as described above in Section 4.2.2. No other information was listed for the Subject Property.
- Based upon its listing on the Drycleaners, WDS, EDR Historical Cleaners, RCRA-VSQG, FINDS, and ECHO databases, *Performance* viewed available information for the Grant Street Cleaner site on the EGLE WDS database website. The website indicated similar information as described above in Section 4.2.2. No other information was listed for the Subject Property.

Refer to Appendix E for copies of select information obtained from the EGLE WDS database.

#### 4.2.5 Natural Gas Utility

*Performance* conducted an online review of the Consumers Energy Service Information Management System database on April 18, 2023, in an attempt to determine when and if the Subject Property was connected to natural gas service. The results of the review indicated that the Subject Building has several connections to natural gas between 1950 and 1965. Refer to Appendix E for documentation of this review.

#### 4.2.6 Local Fire Department

*Performance* submitted a Freedom of Information Act (FOIA) request to the City of Birmingham Fire Department, to determine if the Department had any records of hazardous material or petroleum fires, storage, or releases at the Subject Property. The Department did not respond by the time this report was completed.

### 4.3 Historical Use Information on the Subject Property and Adjacent Properties

*Performance* reviewed the readily available historical sources described in the following sections to ascertain the historical uses of the Subject Property and immediately adjacent properties to identify potential RECs. The information described in the following sections was obtained dating back to 1908.

#### 4.3.1 Local Assessor's Tax Files

*Performance* reviewed tax assessment records pertaining to the Subject Property on the City of Birmingham Assessing Department website on April 10, 2023. Legal description, and owner



information were obtained during the records review. The Subject Property was incorrectly identified as being 7.97-acres in size and occupied by a YMCA. The actual size of the Subject Property is approximately 1.52 acres. No building information was listed due to its tax-exempt status. Refer to Appendix A for copies of documents from the Assessor’s file.

### 4.3.2 Local Building Department

*Performance* reviewed records pertaining to the Subject Property on the City of Birmingham Building Department website on April 10, 2023. Records included various building, electrical, and fence permits and several sign violations.

Additionally, Department personnel provided copies of various blueprints and engineering plans for the Subject Building, as well as a structural evaluation of the Subject Building conducted by Desai/Nasr Consulting Engineers, Inc., dated July 11, 2006. According to the documents, the Subject Building underwent an expansion in 1988.

Refer to Appendix A for copies of documents from the Building Department’s file.

### 4.3.3 Aerial Photographs

*Performance* obtained aerial photographs for the Subject Property and vicinity from EDR. Photographs were available from 1937, 1949, 1952, 1956, 1961, 1967, 1972, 1976, 1983, 1987, 1997, 1999, 2005, 2009, 2012, and 2016. The scale, resolution, and/or quality of the aerial photographs limited our ability to identify specific Subject Property and vicinity features relative to historical uses. Copies of the aerial photographs are included in Appendix F.

Aerial Photograph Year	Subject Property and Adjacent Property Observations
1937 - 1949	The Subject Property was undeveloped land. Adjacent properties appeared to be residential in nature and a park was located to the south. E. Lincoln Avenue was present to the north, and Floyd Street was present to the east of the Subject Property.
1952	The Subject Property was developed with a building located in the northeast corner of the property. The adjacent properties appeared similar to the previous aerial photograph, with the exception of the western adjacent property which was developed with a church.
1956	The Subject Property and adjacent properties appeared similar to the previous aerial photograph, with the exception of two commercial buildings located on the eastern adjacent property.
1967	The present-day YMCA building has been constructed onsite. The adjacent properties appeared similar to the previous aerial photograph.

Aerial Photograph Year	Subject Property and Adjacent Property Observations
1976 - 1987	The Subject Building has been expanded to the south. The adjacent properties appeared similar to the previous aerial photograph.
1997 - 2016	The building on the northeast corner of the Subject Property has been demolished and the Subject Building was expanded to the east. The adjacent properties appeared similar to the previous aerial photograph.

#### 4.3.4 Historical Topographic Maps

*Performance* obtained historical topographic maps for the Subject Property and vicinity from EDR. Maps were available from 1908, 1936, 1945, 1952, 1968, 1973, 1981, and 2014. Copies of the topographic maps are attached as Appendix G.

Historical Topographic Map Year	Subject Property and Adjacent Property Observations
1908 – 1945	The topographic maps depicted the area around the Subject Property as developed with residential dwellings. The Subject Property itself was depicted as undeveloped.
1952 - 1981	The topographic maps depicted the Subject Property and surrounding area as urban developed land.
2014	The topographic map did not depict land use.

#### 4.3.5 Fire Insurance Maps

*Performance* contracted EDR to search their library for Sanborn Fire Insurance Maps available for the Subject Property. Fire insurance maps were available from 1921, 1926, 1931, 1949, and 1960. Copies of the fire insurance maps are attached as Appendix H.

Fire Insurance Year	Subject Property and Adjacent Property Observations
1921 - 1949	The Sanborn maps did not depict the Subject Property or the majority of the adjacent properties.
1960	The Sanborn map depicted only the very northeast corner of the Subject Property being developed with a commercial building labeled as YMCA. Northern adjacent properties were depicted as residentially developed and the eastern adjacent properties were depicted as a mix of commercially and residentially developed properties.

### **4.3.6 Local Street Directories**

*Performance* contracted with EDR to prepare a street directory abstract for the Subject Property and surrounding addresses. EDR's City Directory Abstract indicated that street directories were available for the Subject Property for the years 1937 through 2020. In accordance with the Standard, the directories were reviewed in 5-year intervals, unless otherwise stated in this Section.

The Subject Property was not listed from 1937 through 1949. From 1954 through 2020, the Subject Property was listed as the YMCA.

Further review of the abstract showed that adjacent properties were a mix of residential and commercial occupants since at least 1937.

The City Directory Abstract is attached as Appendix I.

### **4.3.7 Previous Reports**

YMCA personnel provided *Performance* with copies of asbestos inspection and abatement documents conducted at the Subject Property in 2021 by EKS Services, Inc. (EKS). EKS conducted an asbestos inspection with subsequent abatement of asbestos-containing materials from the cycling room of the Subject Building that were located above a drop-ceiling. Copies of the documents are attached as Appendix J.

## **4.4 Historical Use Summary**

### **4.4.1 Summary of the Historical Use of the Subject Property**

The Subject Property was undeveloped land from at least 1908 until sometime prior to 1952 when a commercial building was constructed in the northeast corner of the Subject Property. In 1959 the present-day Subject Building was constructed in the northwest corner of the Subject Property. Both buildings were historically utilized by the YMCA. The northeastern building was demolished sometime prior to 1997. The Subject Building underwent several expansions over the decades until it achieved its present-day configuration.

### **4.4.2 Summary of the Historical Use of the Adjacent Properties**

The surrounding properties consisted primarily of residential properties since at least 1908. Commercial development of the eastern adjacent property started in the 1950s and was complete by the 1970s.

## 5.0 SUBJECT PROPERTY RECONNAISSANCE

### 5.1 Methodology and Limiting Conditions

Mr. Heston C. Stein, an EP with *Performance*, conducted a reconnaissance on April 10, 2023, to visually and physically observe the Subject Property and the immediate vicinity for potential evidence and/or practices that could represent RECs. Mr. Stein was accompanied by Mr. Ed Williams of the YMCA who represented the Subject Property owner, during the reconnaissance. Mr. Williams has been familiar with the Subject Property for 42 years.

At the time of the reconnaissance, the visibility at the Subject Property was good and weather conditions did not interfere with the observations. The following methodology was used when performing the reconnaissance:

- Observed the exterior portions of the Subject Property by traversing the grounds in a random pattern and traveling the perimeter.
- Observed readily accessible portions of the interior of the Subject Property building.
- Observed land use and types of operations of the immediate adjacent properties from the Subject Properties and public areas.

A Subject Property Location Map and Subject Property Diagram are attached as Figures No. 1 and 2, respectively. Reconnaissance photographs are attached as Appendix B.

No limitations were experienced during the reconnaissance.

### 5.2 General Subject Property Setting

The Subject Property is comprised of a 1.52-acre parcel of land occupied by a single commercial building. The remainder of the Subject Property consists of paved parking and landscaped areas. The Subject Building is situated on the northwestern portion of the property and a parking lot on the southern and eastern portions of the property. The Subject Building is a 22,600-square foot three-story structure, complete with a multiple basement areas. The Subject Building was utilized as a YMCA branch (recreational center). An asphalt driveway and parking lot connect the Subject Building to E. Lincoln Avenue to the north, Floyd Street to the east, and Edgewood Road to the west.

### 5.3 Subject Property Wide Observations

The following conditions were specifically assessed for their potential to indicate RECs and may include conditions inside or outside the Subject Building or structures present at the Subject Property.

### **5.3.1 Hazardous Substances and Petroleum Products**

*Performance* personnel did not observe operations that use, treat, store, dispose of, or generate hazardous materials or petroleum products on the Subject Property, with one exception. Five gallon buckets and sacks of various pool chemicals were stored in one of the basement mechanical rooms of the Subject Building. Visual evidence of stains, leaks or spills was not observed on or adjacent to the pool chemicals.

### **5.3.2 Storage Tanks**

#### *5.3.2.1 Underground Storage Tanks (USTs)*

The Subject Property was observed for the presence of USTs. No obvious visual evidence indicating the current presence of USTs (i.e., vent pipes, fill ports, etc.) was noted.

#### *5.3.2.2 Aboveground Storage Tanks (ASTs)*

The Subject Property was observed for the presence of ASTs. No ASTs were noted, nor was there any obvious visual evidence indicating the historical presence of ASTs (i.e., secondary containments, concrete saddles, etc.).

### **5.3.3 Odors**

Obvious strong, pungent, or noxious odors were not noted during the reconnaissance.

### **5.3.4 Pools of Liquid**

Pools or sumps of liquid were not observed during the reconnaissance.

### **5.3.5 Drums and Containers**

*Performance* personnel did not observe storage containers greater than 1 gallon in size on the Subject Property.

### **5.3.6 Unidentified Substance Containers**

*Performance* personnel did not observe open or damaged containers containing unidentified substances at the Subject Property.

### **5.3.7 Suspect Polychlorinated Biphenyl (PCB) Containing Equipment**

The Subject Property and immediate vicinity were viewed for the presence of potential PCB containing equipment, such as electrical transformers, capacitors, and hydraulic equipment.

### 5.3.7.1 Transformers

During the reconnaissance, a pad-mounted transformer was observed immediately south of the Subject Building. Visual evidence of stains, leaks or spills was not observed on or adjacent to the transformer. *Performance* personnel did not observe labeling indicating the PCB-content of the transformer.

### 5.3.7.2 Other Potential PCB-Containing Equipment

*Performance* personnel observed a hydraulic reservoir for the Subject Building elevator in the elevator mechanical room. Visual evidence of stains, leaks or spills was not observed on or adjacent to the reservoir. Service logs indicated the reservoir had been present since it was installed in 1988.

*Performance* personnel did not observe other major classes of equipment suspected of containing PCBs on the Subject Property.

## 5.4 Interior Observations

The Subject Building is comprised of various offices, bathrooms, gymnasiums, workout rooms, a pool and associated rooms, locker rooms, and several mechanical rooms. Construction consists of brick walls with a flat roof. The interior is finished with drywall walls, carpet or tiled floors, and drop and drywall ceilings.

The following interior conditions at the Subject Property were specifically assessed for their potential to indicate RECs.

### 5.4.1 Heating and Cooling

The Subject Building is heated and cooled by multiple natural gas-fired furnaces and boilers, as well as A/C HVAC systems.

### 5.4.2 Stains or Corrosion

*Performance* personnel did not observe evidence of staining or corrosion on the floors or walls within the Subject Building.

### 5.4.3 Drains and Sumps

*Performance* personnel observed several small floor drains in the bathrooms, shower rooms, and mechanical rooms of the Subject Building. No staining was observed in the vicinity of the drains.

## **5.5 Exterior Observations**

The following exterior conditions at the Subject Property were specifically assessed for their potential to indicate RECs.

### **5.5.1 Pits, Ponds, Lagoons, and Surface Waters**

*Performance* personnel did not identify pits, ponds, lagoons, or surface waters within the Subject Property boundaries.

### **5.5.2 Stained Surfaces and Distressed Vegetation**

*Performance* personnel did not encounter visual evidence of stressed vegetation or stains on soil or pavement at the Subject Property.

### **5.5.3 Solid Waste**

*Performance* personnel did not observe obvious visual evidence indicating filling or dumping of trash, construction debris, or demolition debris on the Subject Property.

### **5.5.4 Waste Water**

The Subject Building is connected to municipal sewer service. *Performance* did not observe obvious surficial evidence indicating the current or historical presence of septic systems, cesspools, or other wastewater discharges on or adjacent to the Subject Property.

### **5.5.5 Storm Water**

*Performance* observed several storm water catch basins in adjacent parking areas.

### **5.5.6 Wells**

*Performance* personnel did not observe any surficial evidence of water supply wells, dry wells, or other wells at the Subject Property.

## **5.6 Adjacent Property Observations**

*Performance* personnel viewed each adjacent property from the Subject Property and adjacent public areas to evaluate the apparent land use for the potential to indicate RECs in connection with the Subject Property. *Performance's* observations are summarized as follows:

**North:** The Subject Property was bordered to the north by E. Lincoln Avenue with residential properties beyond.

**East:** The Subject Property was bordered to the east by Floyd Street with commercial property (dental lab) and an apartment building beyond.

**South:** The Subject Property was bordered to the south by St. James Park.

**West:** The Subject Property was bordered to the west by Edgewood Road with a church and residential property beyond.

A Subject Property Location Map and Subject Property Diagram are attached as Figures No. 1 and 2, respectively. Reconnaissance photographs are attached as Appendix B.



## **6.0 INTERVIEWS**

### **6.1 Subject Property Owner**

*Performance* interviewed Mr. Ed Williams of the YMCA who represents the Subject Property owner. Mr. Williams has been familiar with the Subject Property for 42 years and is the Property Manager. He indicated that the YMCA has owned the Subject Property since 1959. Mr. Williams stated that the Subject Building has been utilized as a recreational center since 1959 and was not aware of its previous uses. Mr. Williams stated that the Subject Property was connected to municipal water and sewer and natural gas services. Mr. Williams stated that the elevator was installed in 1988 and no spills or leaks had ever occurred from the system. He added that there had not been an elevator system prior to the current system in the Subject Building. He was not aware of any environmental concerns on or surrounding the Subject Property, but did indicate that the cycle room inside the Subject Building had asbestos abatement conducted in 2021 and provided documentation as discussed in Section 4.3.7.

### **6.2 Subject Property Manager**

Mr. Williams, interviewed in Section 6.1, also manages the Subject Property.

### **6.3 Subject Property Occupants**

*Performance* did not interview any Subject Property occupants as part of this Phase I ESA.

### **6.4 Government Officials**

*Performance* did not interview government officials as part of this Phase I ESA.

### **6.5 Other Interviews**

No other parties were interviewed as part of this Phase I ESA.

## 7.0 EVALUATION

### 7.1 Findings

The following is a summary of *Performance's* findings based on the information collected as part of this Phase I ESA:

- The Subject Property was undeveloped land from at least 1908 until sometime prior to 1952 when a commercial building was constructed in the northeast corner of the Subject Property. In 1959 the present-day Subject Building was constructed in the northwest corner of the Subject Property. Both buildings were historically utilized by the YMCA. The northeastern building was demolished sometime prior to 1997. The Subject Building underwent several expansions over the decades until it achieved its present-day configuration.
- The EDR Radius Map Report listed the Subject Property on the Asbestos and WDS databases as YMCA of Metropolitan Detroit, Birmingham. The Asbestos listing indicated that asbestos abatement activities were conducted at the Subject Property in 2021, removing 100 linear feet and 300 square feet of asbestos-containing materials. The WDS database indicated that the Subject Property had a generator ID # MIG000062885. No other information was listed. Based on its listing on the Asbestos and WDS databases, *Performance* reviewed information available on the EGLE WDS database website for the Subject Property. The website indicated similar information as described above in Section 4.2.1. No other information was listed for the Subject Property.
- Information related to the nearest listings on the reviewed regulatory agency database lists within the ASTM-specified search radii of the Subject Property interpreted to be up-gradient and/or to have a potential to impact the subsurface at the Subject Property are provided below:
  - Birmingham Bloomfield Credit Union at 500 E. Lincoln Avenue was located on the eastern adjacent property and hydraulically cross-gradient of the Subject Property. This site was listed on the RCRA-VSQG database. The RCRA-VSQG database indicated that the site generated less than 100 kg. of hazardous waste per month since 2003 through the present and no violations were listed. Based upon its listing on the RCRA-VSQG database, *Performance* viewed information available for the Birmingham Bloomfield Credit Union site on the EGLE WDS database website. The website indicated similar information as described above in Section 4.2.2. No other information was listed for the Subject Property.
  - Grant Street Cleaner was located approximately 317 feet east-southeast and hydraulically down-gradient of the Subject Property. This site was listed on the Drycleaners, WDS, EDR Historical Cleaners, RCRA-VSQG, FINDS, and ECHO databases. The Drycleaners database indicated that the site was currently open and utilized perchloroethylene and petroleum as dry cleaning materials since 1994. The WDS

database indicated the site's generator ID# was MIR000032284. The site had five violations listed in 2003 that all achieved compliance within seven months. The EDR Historical Cleaner database indicated the site was a dry cleaner from 1999 through 2014. The RCRA-VSQG database indicated that the site generated less than 100 kg. of hazardous waste per month since 2006 through the present and no violations were listed. The site was listed on the FINDS and ECHO databases as a result of being listed on the RCRA database. Based upon its listing on the Drycleaners, WDS, EDR Historical Cleaners, RCRA-VSQG, FINDS, and ECHO databases, *Performance* viewed available information for the Grant Street Cleaner site on the EGLE WDS database website. The website indicated similar information as described above in Section 4.2.2. No other information was listed for the Subject Property.

- YMCA personnel provided *Performance* with copies of asbestos inspection and abatement documents conducted at the Subject Property in 2021 by EKS. EKS conducted an asbestos inspection and subsequent abatement of asbestos-containing materials from the cycling room of the Subject Building that were located above a drop ceiling.

## 7.2 Opinions

Based on the findings detailed above, *Performance* presents the following opinions related to the potential for environmental impact on the Subject Property by the conditions identified:

- Based on its regulatory status, lack of any violations, current commercial usage, and/or its hydrogeologic relationship, it is *Performance's* opinion that the Birmingham Bloomfield Credit Union site does not represent a REC.
- Based on its regulatory status, distance from the Subject Property, down-gradient relation to the Subject Property, lack of significant historical operations, and/or its hydrogeologic relationship, it is *Performance's* opinion that the Grant Street Cleaner site does not represent a REC.
- Based on their regulatory status, distance from the Subject Property, and/or their hydrogeologic relationship, it is *Performance's* opinion that the remaining listed facilities have a low potential for environmental impact to the Subject Property and do not represent RECs.

## 7.3 Significant Data Gaps

A data gap is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site

visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.)

No significant data gaps were identified by *Performance* during the course of this Phase I ESA that would impact our ability to identify RECs in connection with the Subject Property.

## 7.4 Conclusions

*Performance* has conducted this Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 for the Subject Property. Any exception to, or deletions from, this practice are described in Sections 1.4 and 8.0 of this report. This ESA has revealed no RECs in connection with the Subject Property.

No further environmental due diligence is warranted for the Subject Property at this time.

## 7.5 Business Environmental Risks

A Business Environmental Risk (BER) is defined as “a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.” Consideration of BER issues may involve addressing one or more non-scope considerations.

BERs identified in association with the Subject Property that may affect the ongoing and potential future use of the Subject Property included the following:

- Asbestos Containing Materials  
Asbestos-containing materials were identified in a 2021 asbestos inspection and subsequent abatement activities conducted in the cycling room of the Subject Building. Given the age of the Subject Building, other asbestos-containing materials may or may not, still be present in the Subject Building.

## **8.0 DEVIATIONS**

*Performance* has conducted this Phase I ESA in general conformance with the scope and limitations of the Standard with no identified deletions and no additions, except as described in Section 9.0.

## **9.0 NON-SCOPE SERVICES**

The City of Birmingham did not request the performance of any non-scope services as part of this Phase I ESA.

## 10.0 REFERENCES

- **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process;** ASTM; 2013
- **“Birmingham, MI” 7.5 Minute Topographic Quadrangle Map;** United States Geological Survey, 1981
- **Quaternary Geology of Southern Michigan;** W.R. Farrand and D.L. Bell, 1982
- **Bedrock Geology of Southern Michigan;** Randall Milstein, 1987
- **The EDR Radius Map Report;** Environmental Data Resources, Inc.; April 5, 2023
- **The EDR Aerial Photo Decade Package;** Environmental Data Resources, Inc., Aerial Photos from 1937, 1949, 1952, 1956, 1961, 1967, 1972, 1976, 1983, 1987, 1997, 1999, 2005, 2009, 2012, and 2016
- **The EDR Historical Topographic Map Report;** Environmental Data Resources, Inc.; Topographic Maps from 1908, 1936, 1945, 1952, 1968, 1973, 1981, and 2014
- **The EDR Certified Sanborn® Map Report;** Environmental Data Resources, Inc., April 5, 2023; 1921, 1926, 1931, 1949, and 1960
- **The EDR City Directory Abstract;** Environmental Data Resources, Inc., April 7, 2023

## 11.0 QUALIFICATIONS AND SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

*Performance* prepared this report. The results of this assessment of potential on-site environmental hazards are limited to conclusions supportable by information reasonably ascertainable and practically reviewable. This report was prepared for the City of Birmingham and is intended solely for its use as it relates to business decisions regarding environmental conditions of the Subject Property at the time of the site reconnaissance. *Performance* makes no representations to any other person or entity regarding the condition of the Subject Property. *Performance* makes no representations regarding the environmental conditions of this Subject Property other than those conclusions explicitly stated in this report.

For those identified below as “Environmental Professionals,” we declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part §312.


Respectfully,

Date: April 19, 2023

### PERFORMANCE ENVIRONMENTAL SERVICES, INC.



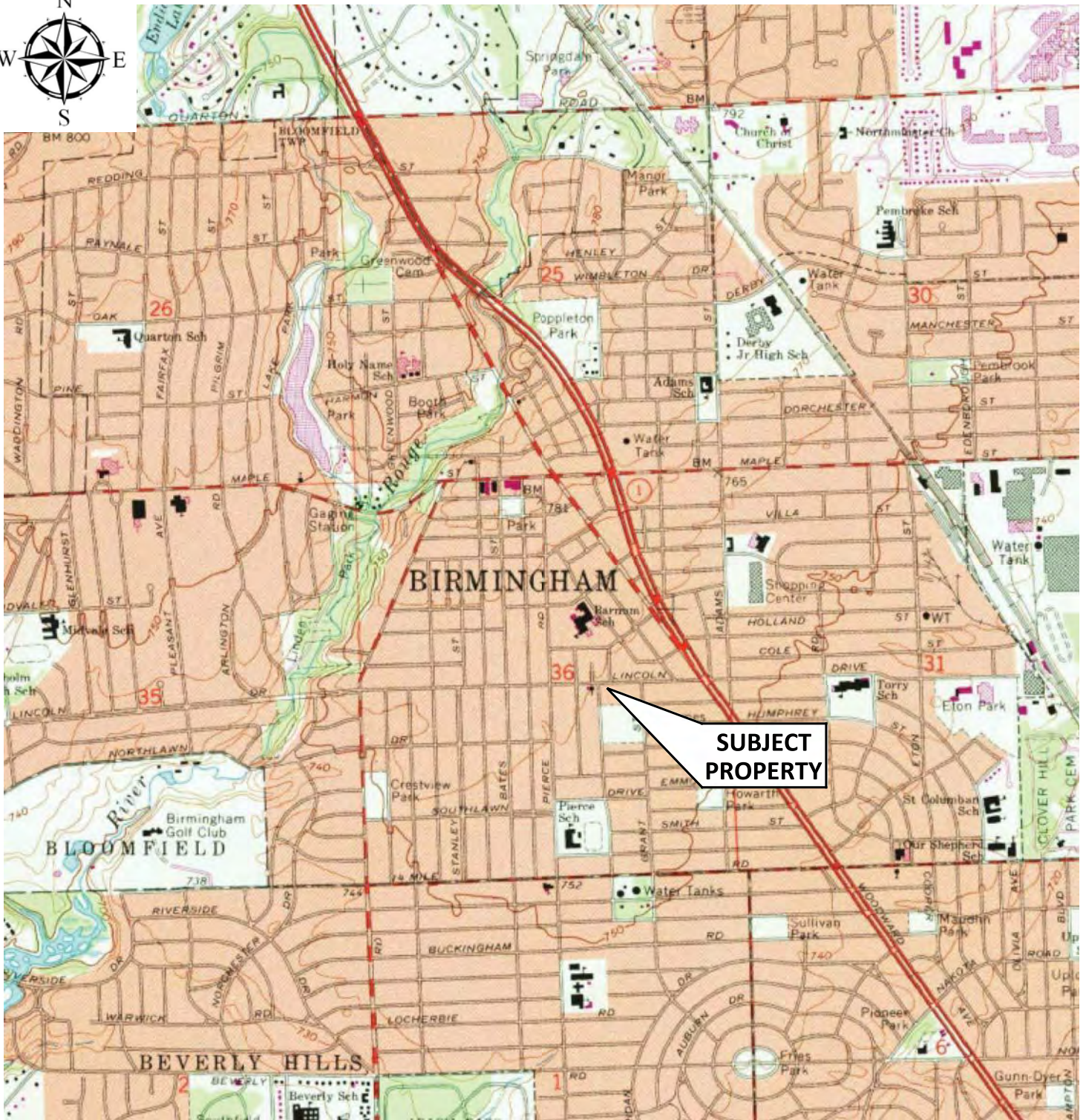
Heston C. Stein, CPG  
Environmental Professional



Dennis A. Wood  
Senior Project Manager



## FIGURES



**REFERENCE**

BIRMINGHAM, MI QUAD, 7.5 MINUTE SERIES (TOPOGRAPHIC)  
 Image Created/Printed 1981 U.S.G.S. Topographic Map



28054 CENTER OAKS COURT, SUITE B  
 WIXOM, MICHIGAN

**COMMERCIAL PROPERTY**  
**400 E. LINCOLN AVENUE**  
**BIRMINGHAM, MICHIGAN**

**SUBJECT PROPERTY LOCATION MAP**

DATE:	<b>APRIL 2023</b>	DWG SCALE:	<b>NTS</b>	PROJECT NO:	<b>2310483</b>	FIGURE NO:	<b>1</b>
DRAWN BY:	<b>HS</b>	CHECKED BY:	<b>HS</b>	APPROVED BY:	<b>HS</b>		





**REFERENCE**

SOURCE: Google Earth Pro © 2021 Google

**LEGEND**

--- APPROXIMATE PROPERTY BOUNDARY



28054 CENTER OAKS COURT, SUITE B  
WIXOM, MICHIGAN

**COMMERCIAL PROPERTY**  
**400 E. LINCOLN AVENUE**  
**BIRMINGHAM, MICHIGAN**

**SUBJECT PROPERTY MAP**

DATE:	<b>APRIL 2023</b>	DWG SCALE:	<b>NTS</b>	PROJECT NO:	<b>2310483</b>	FIGURE NO: <b>2</b>
DRAWN BY:	<b>HS</b>	CHECKED BY:	<b>HS</b>	APPROVED BY:	<b>HS</b>	

## **APPENDIX A:**

### **LEGAL DESCRIPTION & ASSESSING INFORMATION**

400 E LINCOLN ST 48009-1756 (Property Address)

Parcel Number: 08-19-36-403-032 Account Number: 14737-12958

UB Customer Name: YMCA OF METRO DETROIT

Summary Information

- > Assessed Value: \$0 | Taxable Value: \$0
- > 54 Building Department records found
- > 1 Invoice Found, Amount Due: 0.00
- > Property Tax information found
- > Utility Billing information found

Parcel is Vacant

Owner and Taxpayer Information

<b>Owner</b>	YMCA 400 E LINCOLN AVE BIRMINGHAM, MI 48009-1756	<b>Taxpayer</b>	SEE OWNER INFORMATION
--------------	--	-----------------	-----------------------

General Information for Tax Year 2022

<b>Property Class</b>	402 RESIDENTIAL-VACANT	<b>Unit</b>	08 City of Birmingham
<b>School District</b>	BIRMINGHAM CITY SCHOOL DIST	<b>Assessed Value</b>	\$0
<b>ITOnly</b>	POST	<b>Taxable Value</b>	\$0
<b>PPBusCode</b>	0	<b>State Equalized Value</b>	\$0
<b>User Alpha 1</b>	Not Available	<b>Date of Last Name Change</b>	07/15/2010
<b>User Alpha 3</b>	Not Available	<b>Notes</b>	Not Available
<b>Historical District</b>	Not Available	<b>Census Block Group</b>	Not Available
<b>User Alpha 2</b>	Not Available	<b>Exemption</b>	No Data to Display

Principal Residence Exemption Information

Homestead Date No Data to Display

Principal Residence Exemption	June 1st	Final
2022	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2021	\$0	\$0	\$0
2020	\$0	\$0	\$0
2019	\$0	\$0	\$0

Land Information

<b>Zoning Code</b>	RI	<b>Total Acres</b>	7.970
<b>Land Value</b>	\$0	<b>Land Improvements</b>	\$0
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	E.C.F. Table MEX	<b>Mortgage Code</b>	00000
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
No lots found.		
<b>Total Frontage: 0.00 ft</b>		<b>Average Depth: 0.00 ft</b>

Legal Description

T2N, R10E, SEC 36 BIRMINGHAM WOODWARD SUB LOTS 5 TO 14 INCL EXC N 3 FT TAKEN FOR LINCOLN DR WIDENING, ALSO ALL OF VAC ALLEY ADJ TO SAME, ALSO LOTS 15 TO 18 INCL, ALSO LOTS 64 TO 67 INCL 4-12-93 FR 001 & 002

Land Division Act Information

<b>Date of Last Split/Combine</b>	<i>No Data to Display</i>	<b>Number of Splits Left</b>	0
<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	0
<b>Date Created</b>	01/01/0001	<b>Unallocated Div.s Transferred</b>	0
<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	<i>Not Available</i>
<b>Split Number</b>	0	<b>Courtesy Split</b>	<i>Not Available</i>
<b>Parent Parcel</b>	<i>No Data to Display</i>		

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
No sales history found.						

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## **APPENDIX B:**

# **RECONNAISSANCE PHOTOGRAPHS**





**Photo Number: 1**

**Description:**

View of east side of Subject Building, looking southwest.



**Photo Number: 2**

**Description:**

View of west side of Subject Building, looking north.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23





**Photo Number: 3**

**Description:**

View of north side of Subject Building, looking southeast.



**Photo Number: 4**

**Description:**

View of pad-mounted transformer south of Subject Building, looking north.



28054 CENTER OAKS COURT  
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**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23





**Photo Number: 5**

**Description:**

View of east side of Subject Building, looking northwest.



**Photo Number: 6**

**Description:**

View of hallway inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23



**Photo Number: 7**

**Description:**

View of daycare area inside Subject Building.



**Photo Number: 8**

**Description:**

View of mechanical room inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23





**Photo Number: 9**

**Description:**

View of mechanical room inside Subject Building.



**Photo Number: 10**

**Description:**

View of pool inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client:	City of Birmingham
Project Number:	2310483
Author:	Heston C. Stein
Photos Taken On:	4/10/23

**Photo Number: 11**

**Description:**

View of elevator hydraulic reservoir inside Subject Building.



**Photo Number: 12**

**Description:**

View of mechanical room inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23





**Photo Number: 13**

**Description:**

View of boilers inside mechanical room of Subject Building.



**Photo Number: 14**

**Description:**

View of pool equipment inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23



**Photo Number: 15**

**Description:**

View of pool chemicals inside Subject Building.



**Photo Number: 16**

**Description:**

View of cycling room inside Subject Building.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23



**Photo Number: 17**

**Description:**

View of northern adjacent E. Lincoln Avenue and residential properties beyond, looking northeast.



**Photo Number: 18**

**Description:**

View of eastern adjacent Floyd Street and commercial property beyond, looking east.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23



**Photo Number: 19**

**Description:**

View of southern adjacent park and parking lot, looking south.



**Photo Number: 20**

**Description:**

View of western adjacent church, looking west.



28054 CENTER OAKS COURT  
SUITE B  
WIXOM, MICHIGAN

**Phase I Environmental Site Assessment  
400 E. Lincoln Avenue, Birmingham, MI**

Client: City of Birmingham  
Project Number: 2310483  
Author: Heston C. Stein  
Photos Taken On: 4/10/23

**APPENDIX C:**  
**USER PROVIDED INFORMATION**

**ASTM E 1527-13: USER QUESTIONNAIRE  
To Be Completed By User (aka Buyer)**

**Subject Property: 400 E. Lincoln Street, Birmingham, MI**

In order to qualify for one of the Landowner Liability Protections (LLPs\*) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

**(1) Environmental liens that are filed or recorded against the property (40 CFR 312.25).**

Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

UNKNOWN

**(2) Activity and land use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi)).**

Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

UNKNOWN

**(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

NO

**(4) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

UNKNOWN

**(5) Commonly known or reasonable ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the property? *yes*

- b) Do you know of specific chemicals that are present or once were present at the property? unknown
- c) Do you know of spills or other chemical releases that have taken place at the property? unknown
- d) Do you know of any environmental cleanups that have taken place at the property? unknown

**(6) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? unknown

**(7) Questions about Helpful Documents: The American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13 (the "Standard") also requires that the following be asked of the "user."**

Do you know whether any of the following documents exist? If so, identify the title of the report, when it was prepared, and by what firm, and/or provide a copy if within reasonable time and cost constraints. Note that even partial information may be useful.

- Previous environmental site assessment reports: unknown
- Environmental compliance audit reports: unknown
- Environmental permits (i.e., solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits, etc.): unknown
- Registrations for underground and above ground storage tanks: unknown
- Registrations for underground injection systems: unknown
- Material safety data sheets (MSDS): unknown
- Community right-to-know plan (Sara Title III): unknown
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.: unknown
- Reports regarding hydrogeologic conditions on the property or surrounding area, Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property: unknown
- Hazardous waste generator notices or reports: unknown



- Geotechnical studies: UNKNOWN
- Risk assessments: UNKNOWN
- Recorded activity use limitations (AULs): UNKNOWN

**Proceedings Involving the Property:** Do you know of:

- any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property: UNKNOWN
- any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property: UNKNOWN
- any notices from any governmental entity regarding any possible violation of environmental laws, environmental liens, or possible liability relating to hazardous substances or petroleum products: UNKNOWN

(8) What is your intended use for the property? Recreational facility

**(9) Please provide the following contact information for the Seller:**

Subject Property Owner Contact Name: LORIE URANGA

Subject Property Owner Contact Company: BIRMINGHAM YMCA

Subject Property Owner Contact Email: loranga@ymcadedetroit.org

Subject Property Owner Contact Phone: \_\_\_\_\_

**(10) User (aka Buyer) Completion:**

Prepared By: Thomas M. Njoku (Printed Name)

Signature: 

Date: 4-6-23 Company: City of Birmingham

Please return this questionnaire as soon as possible to Performance Environmental Services, Inc., Attention Heather Robinson, via e-mail at heather.robinson@perform-env.com. For questions call 248.926.3800.

\*Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

## **APPENDIX D:**

### **EDR RADIUS MAP REPORT**

**Commercial Property**

400 E. Lincoln Street  
Birmingham, MI 48009

Inquiry Number: 7299886.2s  
April 05, 2023

**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.

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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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

400 E. LINCOLN STREET  
BIRMINGHAM, MI 48009

#### COORDINATES

Latitude (North): 42.5384860 - 42° 32' 18.54"  
Longitude (West): 83.2115540 - 83° 12' 41.59"  
Universal Transverse Mercator: Zone 17  
UTM X (Meters): 318387.6  
UTM Y (Meters): 4711722.5  
Elevation: 758 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 14478729 BIRMINGHAM, MI  
Version Date: 2019

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140628  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
400 E. LINCOLN STREET  
BIRMINGHAM, MI 48009

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	YMCA OF METROPOLITAN	400 EAST LINCOLN STR	ASBESTOS, WDS		TP
2	BIRMINGHAM BLOOMFIEL	500 E LINCOLN ST	RCRA-VSQG	Higher	127, 0.024, ENE
A3	GRANT STREET CLEANER	1190 GRANT ST	DRYCLEANERS, WDS	Lower	317, 0.060, ESE
A4	GRANT STREET CLEANER	1190 GRANT ST	EDR Hist Cleaner	Lower	317, 0.060, ESE
A5	GRANT STREET CLEANER	1190 GRANT ST	RCRA-VSQG, FINDS, ECHO	Lower	317, 0.060, ESE
B6	912 OLD WOODWARD, LL	912 SOUTH OLD WOODWA	INVENTORY, BEA	Lower	931, 0.176, ENE
B7	912 SOUTH OLD WOODWA	912 SOUTH OLD WOODWA	US BROWNFIELDS, FINDS	Lower	931, 0.176, ENE
B8	OFFICE BUILDING & PA	1000 SOUTH OLD WOODW	BEA	Lower	965, 0.183, ENE
B9	PERIMETER PROPERTIES	1000 S OLD WOODWARD	RCRA NonGen / NLR, FINDS, ECHO	Lower	965, 0.183, ENE
B10	WOODLINC/MICH LTD PA	1050 S OLD WOODWARD	LUST, INVENTORY	Lower	968, 0.183, ENE
11	AMERICAR	860 S OLD WOODWARD A	LUST, UST, WDS	Higher	973, 0.184, NE
12	BARNUM HEALTH CENTER	746 PURDY ST	UST	Higher	992, 0.188, NNW
B13	JOES SERVICE STATION	N 1494-99 WOODWARD	UST	Lower	1023, 0.194, ENE
B14	BIRMINGHAM CLEANERS	1253 S WOODWARD	DRYCLEANERS	Lower	1033, 0.196, ENE
B15	SILK AND MORGAN, INC	1253 S. WOODWARD	BEA	Lower	1033, 0.196, ENE
B16	FORMER BIRMINGHAM CL	1253 S. WOODWARD AVE	BEA	Lower	1033, 0.196, ENE
B17	DTE ENERGY/DETROIT E	1455 WOODWARD AVE N	RCRA-VSQG	Lower	1056, 0.200, ENE
C18	QUARTON WOODWARD SER	1599 S WOODWARD AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1076, 0.204, ENE
C19	QUARTON WOODWARD SER	1599 S WOODWARD AVE	LUST, UST, AUL, INVENTORY, WDS	Lower	1076, 0.204, ENE
D20	WOODWARD AND GEORGE,	772-784 SOUTH OLD WO	BEA	Higher	1086, 0.206, NNE
D21	VIRGINIA C CLOHSET T	784 S OLD WOODWARD A	RCRA NonGen / NLR	Higher	1094, 0.207, NNE
D22	772-784 SOUTH OLD WO	772-784 SOUTH OLD WO	INVENTORY, BEA	Higher	1097, 0.208, NNE
D23	TIFFANY FLORIST	772 S OLD WOODWARD A	LUST, UST, INVENTORY	Higher	1097, 0.208, NNE
C24	DEN-AIR AUTO SERVICE	1775 S WOODWARD AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1106, 0.209, ENE
D25	JIMMIES RUSTICS	690 SOUTH OLD WOODWA	BEA	Higher	1113, 0.211, NNE
E26	OHM OF BIRMINGHAM	33989 S. WOODWARD	DRYCLEANERS	Lower	1116, 0.211, East
E27	RDM MANAGEMENT INC	33989 WOODWARD AVE	RCRA-VSQG, FINDS, ECHO	Lower	1116, 0.211, East
F28	VILLAGE AMC/JEEP INC	666 S OLD WOODWARD A	RCRA NonGen / NLR, FINDS, ECHO	Higher	1250, 0.237, NNE
F29	VILLAGE JEEP EAGLE	666 S WOODWARD	UST	Higher	1296, 0.245, NNE
G30	WOODWARD DETROIT CVS	33877 WOODWARD AV	RCRA-VSQG	Lower	1305, 0.247, East
G31	FORMER GASOLINE STAT	33801 WOODWARD AVE	LUST, INVENTORY, BEA	Lower	1430, 0.271, East
G32	NEIGHBORHOOD PRO HAR	33801 WOODWARD AVENU	BEA	Lower	1430, 0.271, East
H33	GOODYEAR TIRE CENTER	835 HAYNES ST	LUST, UST, WDS	Higher	1461, 0.277, NNE
34	.07 ACRE PARCEL E FR	.07 ACRE PARCEL E FR	INVENTORY, BEA	Higher	1471, 0.279, North
35	908 SOUTH ADAMS ROAD	908 SOUTH ADAMS ROAD	INVENTORY, BEA	Lower	1587, 0.301, ENE
H36	907 AND 911 HAYNES S	907 AND 911 HAYNES S	INVENTORY	Higher	1610, 0.305, NE
H37	907 AND 911 HAYNES S	907 AND 911 HAYNES S	BEA	Higher	1610, 0.305, NE
I38	BIRMINGHAM CLEANERS	33866 WOODWARD AVE	BEA	Lower	1682, 0.319, East
I39	BIRMINGHAM CLEANERS	33866 WOODWARD AVE	LUST, UST, BROWNFIELDS, RCRA NonGen / NLR, FINDS,...	Lower	1682, 0.319, East

MAPPED SITES SUMMARY

Target Property Address:  
400 E. LINCOLN STREET  
BIRMINGHAM, MI 48009

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">40</a>	GOLLING MOTORS, INC.	34500 WOODWARD	INVENTORY, BEA	Higher	1766, 0.334, NNE
<a href="#">J41</a>	ESTATE MOTORS	464 S WOODWARD AVE	LUST, UST	Higher	1772, 0.336, North
<a href="#">J42</a>	GREEN'S ART SUPPLY	400 SOUTH OLD WOODWA	US BROWNFIELDS	Higher	1851, 0.351, North
<a href="#">J43</a>	400 SOUTH OLD WOODWA	400 SOUTH OLD WOODWA	INVENTORY, BEA	Higher	1851, 0.351, North
<a href="#">K44</a>	DRY CLEANER PROPERTY	33633 WOODWARD AVENU	BEA, DRYCLEANERS, WDS	Lower	1910, 0.362, ESE
<a href="#">K45</a>	33633 WOODWARD	33633 WOODWARD	INVENTORY, BEA	Lower	1910, 0.362, ESE
<a href="#">46</a>	THE PLANT STATION	720 S ADAMS RD	LUST, UST	Lower	1922, 0.364, NE
<a href="#">47</a>	BROWN STREET OFFICE	200 EAST BROWN	BEA	Higher	1923, 0.364, NNW
<a href="#">L48</a>	WOODWARD DEVELPMENT,	394 S OLD WOODWARD A	INVENTORY	Higher	1966, 0.372, North
<a href="#">L49</a>	WOODWARD DEVELPMENT,	394 S OLD WOODWARD A	LUST, UST	Higher	1966, 0.372, North
<a href="#">L50</a>	300 - 394 SOUTH OLD	300 - 394 SOUTH OLD	INVENTORY, BEA	Higher	2050, 0.388, North
<a href="#">51</a>	PERRY DRUG STORES IN	597 S ADAMS RD	INVENTORY, BEA, WDS	Lower	2184, 0.414, NE
<a href="#">M52</a>	CARMAN TILLARD	910 N HUNTER BLVD	LUST, UST	Higher	2206, 0.418, NNE
<a href="#">N53</a>	JAX KAR WASH #048	34745 WOODWARD AVE	LUST, UST, INVENTORY, BEA, WDS	Higher	2287, 0.433, North
<a href="#">M54</a>	MALLY, C . LANE PROP	575 SOUTH HUNTER BLV	BEA	Higher	2293, 0.434, NNE
<a href="#">M55</a>	SPEEDWAY LLC	34750 WOODWARD AVE	RCRA-VSQG, LUST, UST, FINDS, ECHO	Higher	2305, 0.437, North
<a href="#">M56</a>	SPEEDWAY #8721	34750 WOODWARD 347 B	LUST, INVENTORY, Financial Assurance	Higher	2305, 0.437, North
<a href="#">O57</a>	SHELL STATION	33588 WOODWARD AVE	LUST, UST, BEA	Lower	2434, 0.461, ESE
<a href="#">O58</a>	SHELL STATION	33588 WOODWARD AVE	INVENTORY	Lower	2434, 0.461, ESE
<a href="#">O59</a>	33588 WOODWARD AVENU	33588 WOODWARD AVENU	US BROWNFIELDS, FINDS	Lower	2434, 0.461, ESE
<a href="#">P60</a>	MARATHON	101 EAST FOURTEEN MI	AUL	Lower	2437, 0.462, SSW
<a href="#">P61</a>	MOBILE GAS	101 E 14 MILE RD	LUST, UST, INVENTORY, Financial Assurance	Lower	2437, 0.462, SSW
<a href="#">N62</a>	WOODWARD BROWN ASSOC	34901 WOODWARD	INVENTORY, BEA	Higher	2477, 0.469, North
<a href="#">N63</a>	WOODWARD BROWN ASSOC	34901 WOODWARD AVENU	BEA	Higher	2477, 0.469, North
<a href="#">N64</a>	WEISS SAMONA	34901 WOODWARD AVENU	US BROWNFIELDS, FINDS	Higher	2477, 0.469, North
<a href="#">65</a>		34901 AND 34953 WOOD	BROWNFIELDS	Higher	2559, 0.485, North

# EXECUTIVE SUMMARY

## **TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
YMCA OF METROPOLITAN 400 EAST LINCOLN STR BIRMINGHAM, MI 48009	ASBESTOS WDS Site Id: MIG000062885 WMD Id: 419612	N/A

## **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**

### ***Lists of Federal NPL (Superfund) sites***

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

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

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

### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***Lists of state- and tribal hazardous waste facilities***

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

### ***Lists of state and tribal landfills and solid waste disposal facilities***

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

### ***Lists of state and tribal leaking storage tanks***

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

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

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

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

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

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

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

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

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

PART 201..... Part 201 Site List

CDL..... Clandestine Drug Lab Listing

DEL PART 201..... Delisted List of Contaminated Sites

US CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS..... Lien List

## EXECUTIVE SUMMARY

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Pollution Emergency Alerting System

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
ECHO..... Enforcement & Compliance History Information  
UXO..... Unexploded Ordnance Sites  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
PFAS NPL..... Superfund Sites with PFAS Detections Information  
PFAS FEDERAL SITES..... Federal Sites PFAS Information  
PFAS TSCA..... PFAS Manufacture and Imports Information  
PFAS RCRA MANIFEST..... PFAS Transfers Identified In the RCRA Database Listing  
PFAS ATSDR..... PFAS Contamination Site Location Listing  
PFAS WQP..... Ambient Environmental Sampling for PFAS  
PFAS NPDES..... Clean Water Act Discharge Monitoring Information  
PFAS ECHO..... Facilities in Industries that May Be Handling PFAS Listing  
PFAS ECHO FIRE TRAINING..... Facilities in Industries that May Be Handling PFAS Listing

## EXECUTIVE SUMMARY

PFAS PART 139 AIRPORT...	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contaminated Sites Listing
AIRS.....	Permit and Emissions Inventory Data
COAL ASH.....	Coal Ash Disposal Sites
Financial Assurance.....	Financial Assurance Information Listing
LEAD.....	Lead Safe Housing Registry
NPDES.....	List of Active NPDES Permits
UIC.....	Underground Injection Wells Database
MINES MRDS.....	Mineral Resources Data System
PFAS TRIS.....	List of PFAS Added to the TRI

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### 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

#### ***Lists of Federal RCRA generators***

RCRA-VSQG: 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are

## EXECUTIVE SUMMARY

5 RCRA-VSQQ 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>
BIRMINGHAM BLOOMFIEL EPA ID:: MIK773743257	500 E LINCOLN ST	ENE 0 - 1/8 (0.024 mi.)	2	8

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GRANT STREET CLEANER</b> EPA ID:: MIR000032284	<b>1190 GRANT ST</b>	<b>ESE 0 - 1/8 (0.060 mi.)</b>	<b>A5</b>	<b>12</b>
DTE ENERGY/DETROIT E EPA ID:: MIK948976568	1455 WOODWARD AVE N	ENE 1/8 - 1/4 (0.200 mi.)	B17	47
<b>RDM MANAGEMENT INC</b> EPA ID:: MID981803182	<b>33989 WOODWARD AVE</b>	<b>E 1/8 - 1/4 (0.211 mi.)</b>	<b>E27</b>	<b>71</b>
WOODWARD DETROIT CVS EPA ID:: MIK185003922	33877 WOODWARD AV	E 1/8 - 1/4 (0.247 mi.)	G30	85

### ***Lists of state and tribal leaking storage tanks***

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 11/09/2022 has revealed that there are 16 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>AMERICAR</b> Facility Id: 00034958 Facility Id: 34958 Release Status: Closed	<b>860 S OLD WOODWARD A</b>	<b>NE 1/8 - 1/4 (0.184 mi.)</b>	<b>11</b>	<b>35</b>
<b>TIFFANY FLORIST</b> Facility Id: 42132 Facility Id: 00042132 Substance Release: Gasoline Substance Release: Gasoline,Gasoline Release Status: Open	<b>772 S OLD WOODWARD A</b>	<b>NNE 1/8 - 1/4 (0.208 mi.)</b>	<b>D23</b>	<b>64</b>
<b>GOODYEAR TIRE CENTER</b> Facility Id: 00021777 Facility Id: 21777 Substance Release: Used Oil Release Status: Closed	<b>835 HAYNES ST</b>	<b>NNE 1/4 - 1/2 (0.277 mi.)</b>	<b>H33</b>	<b>89</b>
<b>ESTATE MOTORS</b> Facility Id: 15180 Facility Id: 00015180 Substance Release: Gasoline Substance Release: Unknown Release Status: Closed	<b>464 S WOODWARD AVE</b>	<b>N 1/4 - 1/2 (0.336 mi.)</b>	<b>J41</b>	<b>104</b>
<b>WOODWARD DEVELPMENT,</b>	<b>394 S OLD WOODWARD A</b>	<b>N 1/4 - 1/2 (0.372 mi.)</b>	<b>L49</b>	<b>144</b>





## EXECUTIVE SUMMARY

Facility Id: 00013409  
 Substance Release: Diesel  
 Substance Release: Gasoline  
 Substance Release: Other  
 Substance Release: Gasoline, Gasoline, Gasoline, Gasoline, Other, Diesel  
 Release Status: Open

<b>MOBILE GAS</b>	<b>101 E 14 MILE RD</b>	<b>SSW 1/4 - 1/2 (0.462 mi.)</b>	<b>P61</b>	<b>186</b>
Facility Id: 00004474 Facility Id: 4474 Substance Release: Gasoline, Gasoline, Gasoline Substance Release: Used Oil Substance Release: Gasoline Release Status: Open				

### ***Lists of state and tribal registered storage tanks***

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, has revealed that there are 6 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>AMERICAR</b>	<b>860 S OLD WOODWARD A</b>	<b>NE 1/8 - 1/4 (0.184 mi.)</b>	<b>11</b>	<b>35</b>
Database: UST, Date of Government Version: 09/30/2022 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00034958				
BARNUM HEALTH CENTER	746 PURDY ST	NNW 1/8 - 1/4 (0.188 mi.)	12	37
Database: UST, Date of Government Version: 09/30/2022 Tank Status: Temporarily Out of Use Facility Type: CLOSED Facility Id: 00017691				
<b>TIFFANY FLORIST</b>	<b>772 S OLD WOODWARD A</b>	<b>NNE 1/8 - 1/4 (0.208 mi.)</b>	<b>D23</b>	<b>64</b>
Database: UST, Date of Government Version: 09/30/2022 Tank Status: Closed in Ground Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00042132				
VILLAGE JEEP EAGLE	666 S WOODWARD	NNE 1/8 - 1/4 (0.245 mi.)	F29	80
Database: UST, Date of Government Version: 09/30/2022 Tank Status: Currently In Use Tank Status: Removed from Ground Facility Type: Currently In Use Facility Type: CLOSED Facility Id: 00005612				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOES SERVICE STATION	N 1494-99 WOODWARD	ENE 1/8 - 1/4 (0.194 mi.)	B13	38
Database: UST 2, Date of Government Version: 01/28/2022 Database: UST, Date of Government Version: 09/30/2022				

## EXECUTIVE SUMMARY

Tank Status: Removed from Ground  
Facility ID: 00009170  
Facility Type: CLOSED  
Facility Id: 00009170

**QUARTON WOODWARD SER**      **1599 S WOODWARD AVE**      **ENE 1/8 - 1/4 (0.204 mi.)**      **C19**      **52**  
Database: UST, Date of Government Version: 09/30/2022  
Tank Status: Removed from Ground  
Facility Type: CLOSED  
Facility Id: 00033030

### **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 11/18/2022 has revealed that there are 2 AUL sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>QUARTON WOODWARD SER</b> Facility ID: 00033030	<b>1599 S WOODWARD AVE</b>	<b>ENE 1/8 - 1/4 (0.204 mi.)</b>	<b>C19</b>	<b>52</b>
MARATHON Facility ID: 00004474	101 EAST FOURTEEN MI	SSW 1/4 - 1/2 (0.462 mi.)	P60	185

### **Lists of state and tribal brownfield sites**

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there are 2 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>
Not reported Database: BROWNFIELDS, Date of Government Version: 08/25/2022	34901 AND 34953 WOOD	N 1/4 - 1/2 (0.485 mi.)	65	198

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BIRMINGHAM CLEANERS</b> Database: BROWNFIELDS, Date of Government Version: 08/25/2022 Facility Id: 00018874	<b>33866 WOODWARD AVE</b>	<b>E 1/4 - 1/2 (0.319 mi.)</b>	<b>I39</b>	<b>95</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

## EXECUTIVE SUMMARY

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 02/23/2022 has revealed that there are 4 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>
GREEN'S ART SUPPLY ACRES property ID: 170095 Cleanup Completion Date: -	400 SOUTH OLD WOODWA	N 1/4 - 1/2 (0.351 mi.)	J42	124
<b>WEISS SAMONA</b> ACRES property ID: 115761 Cleanup Completion Date: -	<b>34901 WOODWARD AVENU</b>	<b>N 1/4 - 1/2 (0.469 mi.)</b>	<b>N64</b>	<b>192</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>912 SOUTH OLD WOODWA</b> ACRES property ID: 171161 Cleanup Completion Date: -	<b>912 SOUTH OLD WOODWA</b>	<b>ENE 1/8 - 1/4 (0.176 mi.)</b>	<b>B7</b>	<b>24</b>
<b>33588 WOODWARD AVENU</b> ACRES property ID: 169261 Cleanup Completion Date: -	<b>33588 WOODWARD AVENU</b>	<b>ESE 1/4 - 1/2 (0.461 mi.)</b>	<b>O59</b>	<b>176</b>

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

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 10/17/2022 has revealed that there are 20 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>
<b>772-784 SOUTH OLD WO</b> Facility ID: 63501161	<b>772-784 SOUTH OLD WO</b>	<b>NNE 1/8 - 1/4 (0.208 mi.)</b>	<b>D22</b>	<b>63</b>
<b>TIFFANY FLORIST</b> Facility ID: 42132	<b>772 S OLD WOODWARD A</b>	<b>NNE 1/8 - 1/4 (0.208 mi.)</b>	<b>D23</b>	<b>64</b>
<b>.07 ACRE PARCEL E FR</b>	<b>.07 ACRE PARCEL E FR</b>	<b>N 1/4 - 1/2 (0.279 mi.)</b>	<b>34</b>	<b>91</b>

## EXECUTIVE SUMMARY

Facility ID: 63500575					
907 AND 911 HAYNES S Facility ID: 63501199	907 AND 911 HAYNES S	NE 1/4 - 1/2 (0.305 mi.)	H36	92	
<b>GOLLING MOTORS, INC.</b> Facility ID: 63005949	<b>34500 WOODWARD</b>	<b>NNE 1/4 - 1/2 (0.334 mi.)</b>	<b>40</b>	<b>103</b>	
<b>400 SOUTH OLD WOODWA</b> Facility ID: 63500998	<b>400 SOUTH OLD WOODWA</b>	<b>N 1/4 - 1/2 (0.351 mi.)</b>	<b>J43</b>	<b>133</b>	
WOODWARD DEVELOPMENT, Facility ID: 10000512	394 S OLD WOODWARD A	N 1/4 - 1/2 (0.372 mi.)	L48	143	
<b>300 - 394 SOUTH OLD</b> Facility ID: 63501436	<b>300 - 394 SOUTH OLD</b>	<b>N 1/4 - 1/2 (0.388 mi.)</b>	<b>L50</b>	<b>147</b>	
<b>JAX KAR WASH #048</b> Facility ID: 1952	<b>34745 WOODWARD AVE</b>	<b>N 1/4 - 1/2 (0.433 mi.)</b>	<b>N53</b>	<b>151</b>	
<b>SPEEDWAY #8721</b> Facility ID: 16370	<b>34750 WOODWARD 347 B</b>	<b>N 1/4 - 1/2 (0.437 mi.)</b>	<b>M56</b>	<b>167</b>	
<b>WOODWARD BROWN ASSOC</b> Facility ID: 63005920	<b>34901 WOODWARD</b>	<b>N 1/4 - 1/2 (0.469 mi.)</b>	<b>N62</b>	<b>191</b>	
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>	
<b>912 OLD WOODWARD, LL</b> Facility ID: 63006025	<b>912 SOUTH OLD WOODWA</b>	<b>ENE 1/8 - 1/4 (0.176 mi.)</b>	<b>B6</b>	<b>24</b>	
<b>WOODLINC/MICH LTD PA</b> Facility ID: 39226	<b>1050 S OLD WOODWARD</b>	<b>ENE 1/8 - 1/4 (0.183 mi.)</b>	<b>B10</b>	<b>34</b>	
<b>QUARTON WOODWARD SER</b> Facility ID: 33030	<b>1599 S WOODWARD AVE</b>	<b>ENE 1/8 - 1/4 (0.204 mi.)</b>	<b>C19</b>	<b>52</b>	
<b>FORMER GASOLINE STAT</b> Facility ID: 50005898	<b>33801 WOODWARD AVE</b>	<b>E 1/4 - 1/2 (0.271 mi.)</b>	<b>G31</b>	<b>87</b>	
<b>908 SOUTH ADAMS ROAD</b> Facility ID: 63501200	<b>908 SOUTH ADAMS ROAD</b>	<b>ENE 1/4 - 1/2 (0.301 mi.)</b>	<b>35</b>	<b>92</b>	
<b>33633 WOODWARD</b> Facility ID: 63005656	<b>33633 WOODWARD</b>	<b>ESE 1/4 - 1/2 (0.362 mi.)</b>	<b>K45</b>	<b>137</b>	
<b>PERRY DRUG STORES IN</b> Facility ID: 63501342	<b>597 S ADAMS RD</b>	<b>NE 1/4 - 1/2 (0.414 mi.)</b>	<b>51</b>	<b>147</b>	
SHELL STATION Facility ID: 13409	33588 WOODWARD AVE	ESE 1/4 - 1/2 (0.461 mi.)	O58	176	
<b>MOBILE GAS</b> Facility ID: 4474	<b>101 E 14 MILE RD</b>	<b>SSW 1/4 - 1/2 (0.462 mi.)</b>	<b>P61</b>	<b>186</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 03/06/2023 has revealed that

## EXECUTIVE SUMMARY

there are 5 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>
VIRGINIA C CLOHSET T EPA ID:: MIK322432543	784 S OLD WOODWARD A	NNE 1/8 - 1/4 (0.207 mi.)	D21	61
VILLAGE AMC/JEEP INC EPA ID:: MID058819707	666 S OLD WOODWARD A	NNE 1/8 - 1/4 (0.237 mi.)	F28	77

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PERIMETER PROPERTIES EPA ID:: MIK212640328	1000 S OLD WOODWARD	ENE 1/8 - 1/4 (0.183 mi.)	B9	31
QUARTON WOODWARD SER EPA ID:: MIR000022970	1599 S WOODWARD AVE	ENE 1/8 - 1/4 (0.204 mi.)	C18	50
DEN-AIR AUTO SERVICE EPA ID:: MID000715672	1775 S WOODWARD AVE	ENE 1/8 - 1/4 (0.209 mi.)	C24	67

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 11/09/2022 has revealed that there are 25 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOODWARD AND GEORGE, 772-784 SOUTH OLD WO	772-784 SOUTH OLD WO	NNE 1/8 - 1/4 (0.206 mi.)	D20	60
JIMMIES RUSTICS .07 ACRE PARCEL E FR	690 SOUTH OLD WOODWA .07 ACRE PARCEL E FR	NNE 1/8 - 1/4 (0.211 mi.)	D25	70
907 AND 911 HAYNES S GOLLING MOTORS, INC.	907 AND 911 HAYNES S 34500 WOODWARD	N 1/4 - 1/2 (0.279 mi.)	34	91
400 SOUTH OLD WOODWA	400 SOUTH OLD WOODWA	NE 1/4 - 1/2 (0.305 mi.)	H37	93
BROWN STREET OFFICE 300 - 394 SOUTH OLD	200 EAST BROWN 300 - 394 SOUTH OLD	NNE 1/4 - 1/2 (0.334 mi.)	40	103
JAX KAR WASH #048	34745 WOODWARD AVE	N 1/4 - 1/2 (0.351 mi.)	J43	133
MALLY, C . LANE PROP	575 SOUTH HUNTER BLV	NNW 1/4 - 1/2 (0.364 mi.)	47	143
WOODWARD BROWN ASSOC	34901 WOODWARD	N 1/4 - 1/2 (0.388 mi.)	L50	147
WOODWARD BROWN ASSOC	34901 WOODWARD AVENU	N 1/4 - 1/2 (0.433 mi.)	N53	151
		NNE 1/4 - 1/2 (0.434 mi.)	M54	154
		N 1/4 - 1/2 (0.469 mi.)	N62	191
		N 1/4 - 1/2 (0.469 mi.)	N63	192

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
912 OLD WOODWARD, LL	912 SOUTH OLD WOODWA	ENE 1/8 - 1/4 (0.176 mi.)	B6	24
OFFICE BUILDING & PA	1000 SOUTH OLD WOODW	ENE 1/8 - 1/4 (0.183 mi.)	B8	30
SILK AND MORGAN, INC	1253 S. WOODWARD	ENE 1/8 - 1/4 (0.196 mi.)	B15	46
FORMER BIRMINGHAM CL	1253 S. WOODWARD AVE	ENE 1/8 - 1/4 (0.196 mi.)	B16	47
FORMER GASOLINE STAT	33801 WOODWARD AVE	E 1/4 - 1/2 (0.271 mi.)	G31	87
NEIGHBORHOOD PRO HAR	33801 WOODWARD AVENU	E 1/4 - 1/2 (0.271 mi.)	G32	88
908 SOUTH ADAMS ROAD	908 SOUTH ADAMS ROAD	ENE 1/4 - 1/2 (0.301 mi.)	35	92
BIRMINGHAM CLEANERS	33866 WOODWARD AVE	E 1/4 - 1/2 (0.319 mi.)	I38	94
DRY CLEANER PROPERTY	33633 WOODWARD AVENU	ESE 1/4 - 1/2 (0.362 mi.)	K44	134
33633 WOODWARD	33633 WOODWARD	ESE 1/4 - 1/2 (0.362 mi.)	K45	137
PERRY DRUG STORES IN	597 S ADAMS RD	NE 1/4 - 1/2 (0.414 mi.)	51	147
SHELL STATION	33588 WOODWARD AVE	ESE 1/4 - 1/2 (0.461 mi.)	O57	168

## EXECUTIVE SUMMARY

DRYCLEANERS: A listing of drycleaning facilities in Michigan.

A review of the DRYCLEANERS list, as provided by EDR, and dated 07/11/2022 has revealed that there are 3 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GRANT STREET CLEANER</b> Establishment#: 6300049	<b>1190 GRANT ST</b>	<b>ESE 0 - 1/8 (0.060 mi.)</b>	<b>A3</b>	<b>10</b>
BIRMINGHAM CLEANERS Establishment#: 6300066	1253 S WOODWARD	ENE 1/8 - 1/4 (0.196 mi.)	B14	46
OHM OF BIRMINGHAM Establishment#: 6300266	33989 S. WOODWARD	E 1/8 - 1/4 (0.211 mi.)	E26	71

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

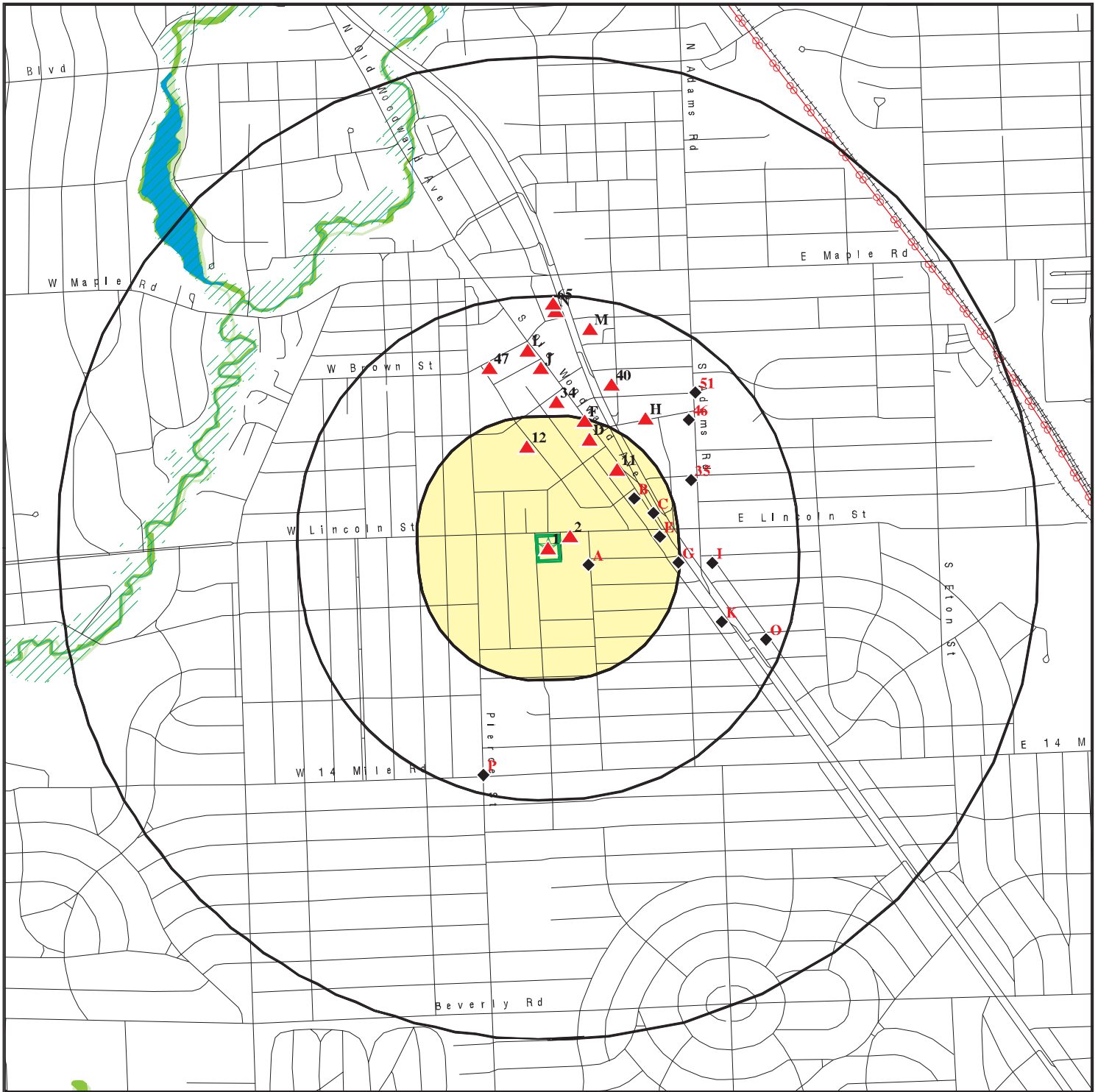
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRANT STREET CLEANER	1190 GRANT ST	ESE 0 - 1/8 (0.060 mi.)	A4	11

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.



# OVERVIEW MAP - 7299886.2S



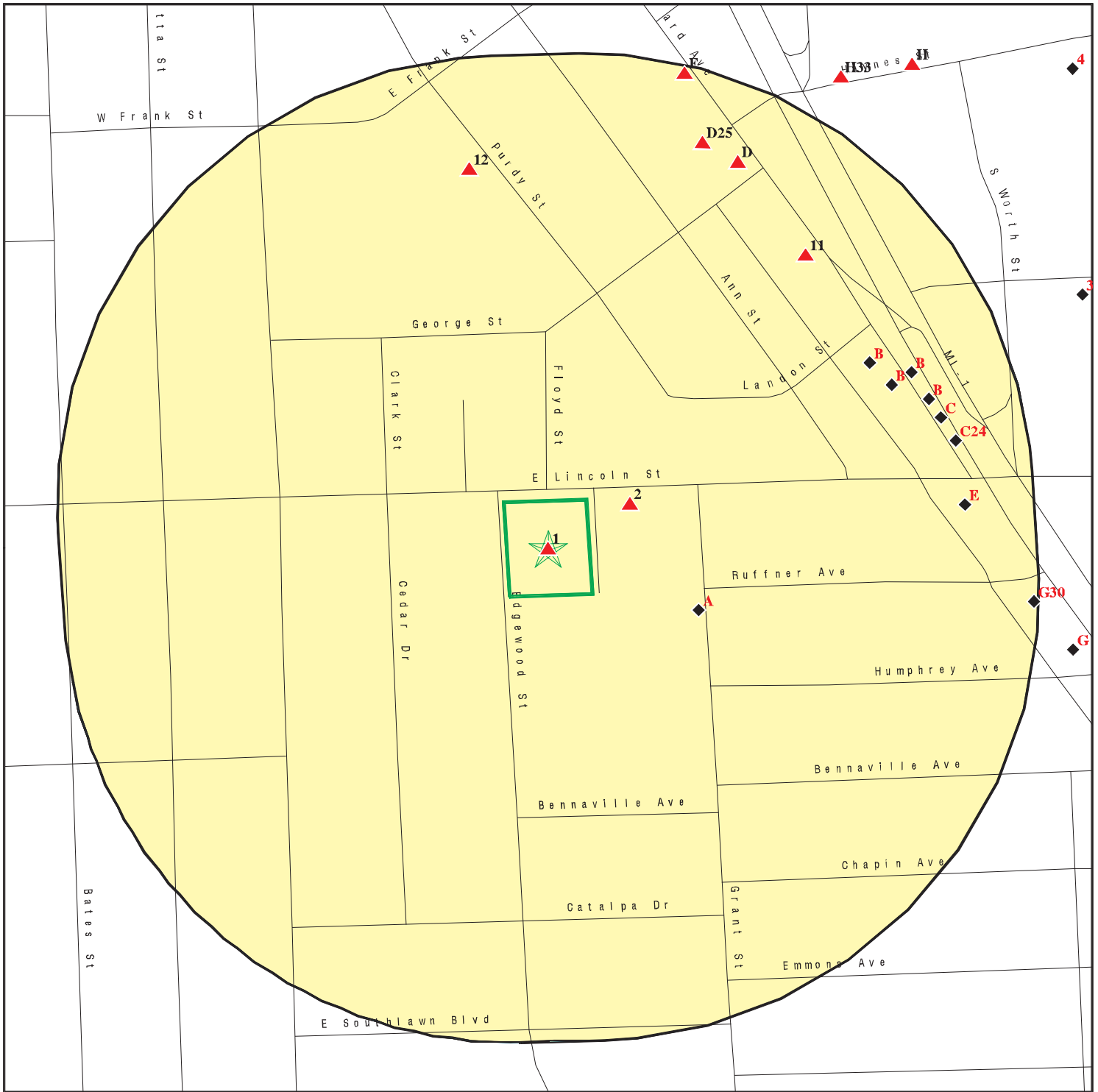
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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: Commercial Property  
 ADDRESS: 400 E. Lincoln Street  
 Birmingham MI 48009  
 LAT/LONG: 42.538486 / 83.211554

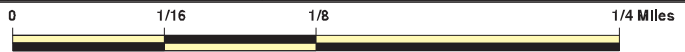
CLIENT: Griffin Environmental, LLC  
 CONTACT: Heston Stein  
 INQUIRY #: 7299886.2s  
 DATE: April 05, 2023 1:41 pm

# DETAIL MAP - 7299886.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard



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: Commercial Property  
 ADDRESS: 400 E. Lincoln Street  
 Birmingham MI 48009  
 LAT/LONG: 42.538486 / 83.211554

CLIENT: Griffin Environmental, LLC  
 CONTACT: Heston Stein  
 INQUIRY #: 7299886.2s  
 DATE: April 05, 2023 1:41 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><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		2	3	NR	NR	NR	5
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	4	12	NR	NR	16

## 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
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	6	NR	NR	NR	6
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
AUL	0.500		0	1	1	NR	NR	2
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	2	NR	NR	2
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	1	3	NR	NR	4
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
PART 201	1.000		0	0	0	0	NR	0
INVENTORY	0.500		0	5	15	NR	NR	20
CDL	0.001		0	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	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
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001	1	0	NR	NR	NR	NR	1
BEA	0.500		0	7	18	NR	NR	25

## 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
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		1	2	NR	NR	NR	3
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WDS	0.001	1	0	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA PART 201	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		2	4	34	51	0	0	91

**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** **YMCA OF METROPOLITAN DETROIT, BIRMI**  
**Target** **400 EAST LINCOLN STREET**  
**Property** **BIRMINGHAM, MI 48009**

**ASBESTOS** **S111948771**  
**WDS** **N/A**

**Actual:**  
**758 ft.**

ASBESTOS:  
 Notification ID: 155251  
 Name: YMCA OF METROPOLITAN DETROIT, BIRMI  
 Address: 400 EAST LINCOLN STREET  
 City,State,Zip: BIRMINGHAM, MI 48009-4114  
 Contractor Name: Certified Abatement Services, Inc.  
 Project Number: 21-00  
 Notification Type and Date: Regular 09/09/2021  
 Start Date: 09/27/2021  
 End Date: 09/28/2021  
 Linear Feet: 100  
 Square Feet: 300

WDS:  
 Name: YMCA  
 Address: 400 E LINCOLN ST  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Site Id: MIG000062885  
 WMD Id: 419612  
 Site Specific Name: YMCA  
 Mailing Address: 400 E LINCOLN ST  
 Mailing City/State/Zip: 48009  
 Mailing County: OAKLAND

**2** **BIRMINGHAM BLOOMFIELD CREDIT UNION**  
**ENE** **500 E LINCOLN ST**  
**< 1/8** **BIRMINGHAM, MI 48009**  
**0.024 mi.**  
**127 ft.**

**RCRA-VSQG** **1007100094**  
**MIK773743257**

**Relative:**  
**Higher**  
**Actual:**  
**758 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20030520  
 Handler Name: Birmingham Bloomfield Credit Union  
 Handler Address: 500 E LINCOLN ST  
 Handler City,State,Zip: BIRMINGHAM, MI 48009  
 EPA ID: MIK773743257  
 Contact Name: CHRISTINE RANILOVICH  
 Contact Address: 500 E LINCOLN ST  
 Contact City,State,Zip: BIRMINGHAM, MI 48009  
 Contact Telephone: 586-725-8610  
 Contact Fax: Not reported  
 Contact Email: Not reported  
 Contact Title: Not reported  
 EPA Region: 05  
 Land Type: Private  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: PO BOX 346  
 Mailing City,State,Zip: NEW BALTIMORE, MI 48047  
 Owner Name: Harry A Dutton

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BIRMINGHAM BLOOMFIELD CREDIT UNION (Continued)**

**1007100094**

Owner Type:	Private
Operator Name:	Birmingham Bloomfield Credit Union
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BIRMINGHAM BLOOMFIELD CREDIT UNION
Legal Status:	Private
Date Became Current:	20030520
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BIRMINGHAM BLOOMFIELD CREDIT UNION (Continued)**

**1007100094**

Owner/Operator City,State,Zip: Not reported  
 Owner/Operator Telephone: Not reported  
 Owner/Operator Telephone Ext: Not reported  
 Owner/Operator Fax: Not reported  
 Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
 Owner/Operator Name: HARRY A DUTTON  
 Legal Status: Private  
 Date Became Current: 19960601  
 Date Ended Current: Not reported  
 Owner/Operator Address: Not reported  
 Owner/Operator City,State,Zip: Not reported  
 Owner/Operator Telephone: Not reported  
 Owner/Operator Telephone Ext: Not reported  
 Owner/Operator Fax: Not reported  
 Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20030520  
 Handler Name: BIRMINGHAM BLOOMFIELD CREDIT UNION  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 State District Owner: Not reported  
 Large Quantity Handler of Universal Waste: No  
 Recognized Trader Importer: No  
 Recognized Trader Exporter: No  
 Spent Lead Acid Battery Importer: No  
 Spent Lead Acid Battery Exporter: No  
 Current Record: Yes  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 52213  
 NAICS Description: CREDIT UNIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A3**  
**ESE**  
**< 1/8**  
**0.060 mi.**  
**317 ft.**

**GRANT STREET CLEANER**  
**1190 GRANT ST**  
**BIRMINGHAM, MI 48009**  
**Site 1 of 3 in cluster A**

**DRYCLEANERS** **S106439745**  
**WDS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

**DRYCLEANERS:**  
 Name: GRANT STREET CLEANERS  
 Address: 1190 GRANT STREET  
 City,State,Zip: BIRMINGHAM, MI  
 fadd2: Not reported  
 Facility Status: Open  
 Establishment#: 6300049

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRANT STREET CLEANER (Continued)**

**S106439745**

DCM #: 1  
 DCM Type: Perc  
 Total lb: 45  
 Inspector: joejaskowski  
 Last Insp Date: 10/14/2021

Name: GRANT STREET CLEANERS  
 Address: 1190 GRANT STREET  
 City, State, Zip: BIRMINGHAM, MI  
 fadd2: Not reported  
 Facility Status: Open  
 Establishment#: 6300049  
 DCM #: 1  
 DCM Type: Petro  
 Total lb: 65  
 Inspector: joejaskowski  
 Last Insp Date: 10/14/2021

**WDS:**

Name: GRANT STREET CLEANER  
 Address: 1190 GRANT ST  
 City, State, Zip: BIRMINGHAM, MI 48009  
 Site Id: MIR000032284  
 WMD Id: 412380  
 Site Specific Name: GRANT STREET CLEANERS  
 Mailing Address: 1190 GRANT ST  
 Mailing City/State/Zip: 48009  
 Mailing County: OAKLAND

**A4**  
**ESE**  
 < 1/8  
 0.060 mi.  
 317 ft.

**GRANT STREET CLEANERS**  
**1190 GRANT ST**  
**BIRMINGHAM, MI 48009**  
**Site 2 of 3 in cluster A**

**EDR Hist Cleaner 1019998043**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Cleaner

**Actual:**  
**756 ft.**

Year:	Name:	Type:
1996	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
1997	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
1998	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
1999	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2000	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2001	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2002	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2007	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2008	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2009	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2010	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2011	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2012	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2013	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs
2014	GRANT STREET CLEANERS	Drycleaning Plants, Except Rugs

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A5**  
**ESE**  
 < 1/8  
 0.060 mi.  
 317 ft.

**GRANT STREET CLEANER**  
**1190 GRANT ST**  
**BIRMINGHAM, MI 48009**

**RCRA-VSQG** 1001220231  
**FINDS** MIR000032284  
**ECHO**

**Site 3 of 3 in cluster A**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

<p>RCRA Listings:</p> <p>Date Form Received by Agency:</p> <p>Handler Name:</p> <p>Handler Address:</p> <p>Handler City,State,Zip:</p> <p>EPA ID:</p> <p>Contact Name:</p> <p>Contact Address:</p> <p>Contact City,State,Zip:</p> <p>Contact Telephone:</p> <p>Contact Fax:</p> <p>Contact Email:</p> <p>Contact Title:</p> <p>EPA Region:</p> <p>Land Type:</p> <p>Federal Waste Generator Description:</p> <p>Non-Notifier:</p> <p>Biennial Report Cycle:</p> <p>Accessibility:</p> <p>Active Site Indicator:</p> <p>State District Owner:</p> <p>State District:</p> <p>Mailing Address:</p> <p>Mailing City,State,Zip:</p> <p>Owner Name:</p> <p>Owner Type:</p> <p>Operator Name:</p> <p>Operator Type:</p> <p>Short-Term Generator Activity:</p> <p>Importer Activity:</p> <p>Mixed Waste Generator:</p> <p>Transporter Activity:</p> <p>Transfer Facility Activity:</p> <p>Recycler Activity with Storage:</p> <p>Small Quantity On-Site Burner Exemption:</p> <p>Smelting Melting and Refining Furnace Exemption:</p> <p>Underground Injection Control:</p> <p>Off-Site Waste Receipt:</p> <p>Universal Waste Indicator:</p> <p>Universal Waste Destination Facility:</p> <p>Federal Universal Waste:</p> <p>Active Site State-Reg Handler:</p> <p>Federal Facility Indicator:</p> <p>Hazardous Secondary Material Indicator:</p> <p>Sub-Part K Indicator:</p> <p>2018 GPRC Permit Baseline:</p> <p>2018 GPRC Renewals Baseline:</p> <p>202 GPRC Corrective Action Baseline:</p> <p>Subject to Corrective Action Universe:</p> <p>Non-TSDFs Where RCRA CA has Been Imposed Universe:</p> <p>Corrective Action Priority Ranking:</p> <p>Environmental Control Indicator:</p> <p>Institutional Control Indicator:</p>	<p>20061117</p> <p>Grant Street Cleaner</p> <p>1190 GRANT ST</p> <p>BIRMINGHAM, MI 48009</p> <p>MIR000032284</p> <p>JON NIKOLICH</p> <p>1190 GRANT ST</p> <p>BIRMINGHAM, MI 48009</p> <p>248-258-8970</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>05</p> <p>Private</p> <p>Conditionally Exempt Small Quantity Generator</p> <p>Not reported</p> <p>Not reported</p> <p>Not reported</p> <p>Handler Activities</p> <p>Not reported</p> <p>Not reported</p> <p>1190 GRANT ST</p> <p>BIRMINGHAM, MI 48009</p> <p>Jovica Nikolich</p> <p>Private</p> <p>Jovica Nikolich</p> <p>Private</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>---</p> <p>Not reported</p> <p>NN</p> <p>Not reported</p> <p>Not on the Baseline</p> <p>Not on the Baseline</p> <p>No</p> <p>No</p> <p>No</p> <p>No NCAPS ranking</p> <p>No</p> <p>No</p>
---	---

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 20110303  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

Owner/Operator Email: Not reported  
  
Owner/Operator Indicator: Owner  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: JOVICA NIKOLICH  
Legal Status: Private  
Date Became Current: 19940410  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20061117  
Handler Name: GRANT STREET CLEANER  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19980521  
Handler Name: GRANT STREET CLEANER  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

**1001220231**

Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20060607  
Handler Name: GRANT STREET CLEANER  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81232  
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Has the Facility Received Notices of Violations:

Found Violation: Yes  
Agency Which Determined Violation: State  
Violation Short Description: Generators - General  
Date Violation was Determined: 20021122  
Actual Return to Compliance Date: 20030602  
Return to Compliance Qualifier: Documented  
Violation Responsible Agency: State  
Scheduled Compliance Date: 20030228  
Enforcement Identifier: 001  
Date of Enforcement Action: 20021205  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20021122
Actual Return to Compliance Date:	20030602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20030328
Enforcement Identifier:	001
Date of Enforcement Action:	20030313
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20021122
Actual Return to Compliance Date:	20030602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20030328
Enforcement Identifier:	001
Date of Enforcement Action:	20030313
Enforcement Responsible Agency:	State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20021122
Actual Return to Compliance Date:	20030602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20030228
Enforcement Identifier:	001
Date of Enforcement Action:	20021205
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRANT STREET CLEANER (Continued)**

**1001220231**

SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Records/Reporting  
 Date Violation was Determined: 20021122  
 Actual Return to Compliance Date: 20030602  
 Return to Compliance Qualifier: Documented  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 20030228  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 20021205  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Pre-transport  
 Date Violation was Determined: 20021122  
 Actual Return to Compliance Date: 20030221  
 Return to Compliance Qualifier: Documented  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 20030228  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 20021205  
 Enforcement Responsible Agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20021122
Actual Return to Compliance Date:	20030602
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	20030328
Enforcement Identifier:	001
Date of Enforcement Action:	20030313
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GRANT STREET CLEANER (Continued)**

**1001220231**

SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Manifest  
 Date Violation was Determined: 20021122  
 Actual Return to Compliance Date: 20030602  
 Return to Compliance Qualifier: Documented  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 20030228  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 20021205  
 Enforcement Responsible Agency: State  
 Enforcement Docket Number: Not reported  
 Enforcement Attorney: Not reported  
 Corrective Action Component: No  
 Appeal Initiated Date: Not reported  
 Appeal Resolution Date: Not reported  
 Disposition Status Date: Not reported  
 Disposition Status: Not reported  
 Disposition Status Description: Not reported  
 Consent/Final Order Sequence Number: Not reported  
 Consent/Final Order Respondent Name: Not reported  
 Consent/Final Order Lead Agency: Not reported  
 Enforcement Type: WRITTEN INFORMAL  
 Enforcement Responsible Person: Not reported  
 Enforcement Responsible Sub-Organization: Not reported  
 SEP Sequence Number: Not reported  
 SEP Expenditure Amount: Not reported  
 SEP Scheduled Completion Date: Not reported  
 SEP Actual Date: Not reported  
 SEP Defaulted Date: Not reported  
 SEP Type: Not reported  
 SEP Type Description: Not reported  
 Proposed Amount: Not reported  
 Final Monetary Amount: Not reported  
 Paid Amount: Not reported  
 Final Count: Not reported  
 Final Amount: Not reported

Found Violation: Yes  
 Agency Which Determined Violation: State  
 Violation Short Description: Generators - Pre-transport  
 Date Violation was Determined: 20021122  
 Actual Return to Compliance Date: 20030602  
 Return to Compliance Qualifier: Documented  
 Violation Responsible Agency: State  
 Scheduled Compliance Date: 20030328  
 Enforcement Identifier: 001  
 Date of Enforcement Action: 20030313  
 Enforcement Responsible Agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

1001220231

Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030228  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030328  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

**1001220231**

Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030328  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030228  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030228  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030221  
Scheduled Compliance Date: 20030228  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030328

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GRANT STREET CLEANER (Continued)**

**1001220231**

Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030228  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 20021122  
Evaluation Responsible Agency: State  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: Not reported  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 20030602  
Scheduled Compliance Date: 20030328  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

**FINDS:**

Registry ID: 110006412765

[Click Here for FRS Facility Detail Report:](#)

**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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1001220231  
Registry ID: 110006412765  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006412765>  
Name: GRANT STREET CLEANER  
Address: 1190 GRANT ST  
City,State,Zip: BIRMINGHAM, MI 48009

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B6**            **912 OLD WOODWARD, LLC**  
**ENE**           **912 SOUTH OLD WOODWARD AVENUE**  
**1/8-1/4**        **BIRMINGHAM, MI 48009**  
**0.176 mi.**  
**931 ft.**        **Site 1 of 10 in cluster B**

**INVENTORY**   **S116385989**  
**BEA**            **N/A**

**Relative:**        **INVENTORY:**  
**Lower**            Name:                    912 OLD WOODWARD, LLC  
                       Address:                912 SOUTH OLD WOODWARD AVENUE  
**Actual:**        City,State,Zip:        BIRMINGHAM, MI 48009  
**756 ft.**            Township:               Birmingham  
                       District:                Warren  
                       Data Source:           Risks Not Determined  
                       Lust Name:             Not reported  
                       Regulatory Program:   201  
                       Release Status:        Not reported  
                       Project Manager:      Barrows, Gregory  
                       Latitude:               42.539895  
                       Longitude:             -83.2082139

**BEA:**  
 Name:                    912 OLD WOODWARD, LLC  
 Address:                912 SOUTH OLD WOODWARD AVENUE  
 City,State,Zip:        BIRMINGHAM, MI 48009  
 Secondary Address:    Not reported  
 BEA Number:            Not reported  
 District:                Not reported  
 Date Received:        03/07/2014  
 Submitter Name:        Not reported  
 Petition Determination: Not reported  
 Petition Disclosure:   Not reported  
 Category:                Not reported  
 Determination 20107A: Not reported  
 Reviewer:                Not reported  
 Division Assigned:    Not reported  
 Location ID:            63006025  
 Submittal Type:        Baseline Environmental Assessment  
 Submittal Number:    B201405920LV  
 Approval Status:        RRD Received  
 Workflow Status:       Submitted  
 Date Submitted:        2014-03-10 11:05:07  
 Date Completed:        Not reported  
 Township:               Birmingham  
 Work Unit:                Warren  
 Comments:               box 527  
 Organization:           912 Old Woodward, LLC  
 Contact:                 Jamie Antoniewicz  
 Contact Type:            Submitter Contact

**B7**            **912 SOUTH OLD WOODWARD**  
**ENE**           **912 SOUTH OLD WOODWARD**  
**1/8-1/4**        **BIRMINGHAM, MI 48009**  
**0.176 mi.**  
**931 ft.**        **Site 2 of 10 in cluster B**

**US BROWNFIELDS**   **1016603615**  
**FINDS**                **N/A**

**Relative:**        **US BROWNFIELDS:**  
**Lower**            Name:                    912 SOUTH OLD WOODWARD  
                       Address:                912 SOUTH OLD WOODWARD  
**Actual:**        City,State,Zip:        BIRMINGHAM, MI 48009  
**756 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

912 SOUTH OLD WOODWARD (Continued)

1016603615

Recipient Name: Oakland County Michigan  
Grant Type: Assessment  
Property Number: 08-19-36-279-004  
Parcel size: 0.11  
Latitude: 42.539969  
Longitude: -83.20807  
HCM Label: Address Matching-House Number  
Map Scale: -  
Point of Reference: Entrance Point of a Facility or Station  
Highlights: Have build plan for over 90,000 of improvement to building. Including, but not limited to exterior improvements: tearing off all wood off building(deteriorated) and exposing brick, repairing all brick, add detail molding to exterior, new exterior signs and lighting, repair leaking roof. Including, but not limited to interior improvements: open up layout, add ADA compliant bathroom, new carpet, updated lighting, build to accommodate bridal business in the now vacant area and part of the kitchen showroom. Bridal store will take approximately 5,000 square feet and Kitchen showroom approximately 2100 square feet. Former Use: Standard and historical sources document the property was developed with the current building in 1927. Prior to that, the property was vacant land. The property was occupied by a plumber in at least 1931, a steel processing and heat treating company and a tool manufacturer in at least 1944, various automotive service garages from 1947 until 1967, and has been occupied by various offices since 1969.  
Datum: North American Datum of 1983  
Acres Property ID: 171161  
IC Data Access: -  
Start Date: -  
Redev Completion 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: Petroleum  
Accomplishment Type: -  
Accomplishment Count: -  
Cooperative Agreement Number: 00E01208  
Start Date: -  
Ownership Entity: -  
Completion Date: -  
Current Owner: -  
Did Owner Change: -  
Cleanup Required: N  
Video Available: N  
Photo Available: Y  
Institutional Controls Required: N  
IC Category Proprietary Controls: -  
IC Cat. Info. Devices: -



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

912 SOUTH OLD WOODWARD (Continued)

1016603615

IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.11
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	0.11
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**912 SOUTH OLD WOODWARD (Continued)**

**1016603615**

No clean up: -  
 Pesticides cleaned up: -  
 Selenium cleaned up: -  
 SVOCs cleaned up: -  
 Unknown clean up: -  
 Arsenic contaminant found: -  
 Cadmium contaminant found: -  
 Chromium contaminant found: -  
 Copper contaminant found: -  
 Iron contaminant found: -  
 Mercury contaminant found: -  
 Nickel contaminant found: -  
 No contaminant found: -  
 Pesticides contaminant found: -  
 Selenium contaminant found: -  
 SVOCs contaminant found: -  
 Unknown contaminant found: -  
 Future Use: Multistory -  
 Media affected Bluiding Material: -  
 Media affected indoor air: -  
 Building material media cleaned up: -  
 Indoor air media cleaned up: -  
 Unknown media cleaned up: -  
 Past Use: Multistory -  
 Property Description:

Standard and historical sources document the property was developed with the current building in 1927. Prior to that, the property was vacant land. The property was occupied by a plumber in at least 1931, a steel processing and heat treating company and a tool manufacturer in at least 1944, various automotive service garages from 1947 until 1967, and has been occupied by various offices since 1969.

Below Poverty Number: 83  
 Below Poverty Percent: 2.09  
 Meidan Income: 14933  
 Meidan Income Number: 305  
 Meidan Income Percent: 7.68  
 Vacant Housing Number: 142  
 Vacant Housing Percent: 6.81  
 Unemployed Number: 67  
 Unemployed Percent: 1.69

Name: 912 SOUTH OLD WOODWARD  
 Address: 912 SOUTH OLD WOODWARD  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Recipient Name: Oakland County Michigan  
 Grant Type: Assessment  
 Property Number: 08-19-36-279-004  
 Parcel size: 0.11  
 Latitude: 42.539969  
 Longitude: -83.20807  
 HCM Label: Address Matching-House Number  
 Map Scale: -  
 Point of Reference: Entrance Point of a Facility or Station

Highlights: Have build plan for over 90,000 of improvement to building. Including, but not limited to exterior improvements: tearing off all wood off building(deteriorated) and exposing brick, repairing all brick, add detail molding to exterior, new exterior signs and lighting, repair leaking roof. Including, but not limited to interior

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**912 SOUTH OLD WOODWARD (Continued)**

**1016603615**

improvements: open up layout, add ADA compliant bathroom, new carpet, updated lighting, build to accommodate bridal business in the now vacant area and part of the kitchen showroom. Bridal store will take approximately 5,000 square feet and Kitchen showroom approximately 2100 square feet. Former Use: Standard and historical sources document the property was developed with the current building in 1927. Prior to that, the property was vacant land. The property was occupied by a plumber in at least 1931, a steel processing and heat treating company and a tool manufacturer in at least 1944, various automotive service garages from 1947 until 1967, and has been occupied by various offices since 1969.

Datum:	North American Datum of 1983
Acres Property ID:	171161
IC Data Access:	-
Start Date:	-
Redev Completion Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	4000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00E01208
Start Date:	2/14/2014
Ownership Entity:	-
Completion Date:	2/28/2014
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

912 SOUTH OLD WOODWARD (Continued)

1016603615

Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.11
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	0.11
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**912 SOUTH OLD WOODWARD (Continued)**

**1016603615**

Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Standard and historical sources document the property was developed with the current building in 1927. Prior to that, the property was vacant land. The property was occupied by a plumber in at least 1931, a steel processing and heat treating company and a tool manufacturer in at least 1944, various automotive service garages from 1947 until 1967, and has been occupied by various offices since 1969.
Below Poverty Number:	83
Below Poverty Percent:	2.09
Meidan Income:	14933
Meidan Income Number:	305
Meidan Income Percent:	7.68
Vacant Housing Number:	142
Vacant Housing Percent:	6.81
Unemployed Number:	67
Unemployed Percent:	1.69

**FINDS:**

Registry ID: 110059657697

[Click Here for FRS Facility Detail Report:](#)

**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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**B8**  
**ENE**  
 1/8-1/4  
 0.183 mi.  
 965 ft.

**OFFICE BUILDING & PARLING LOT**  
**1000 SOUTH OLD WOODWARD AVENUE**  
**BIRMINGHAM, MI**

**BEA S110624681**  
**N/A**

**Site 3 of 10 in cluster B**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

**BEA:**

Name:	OFFICE BUILDING & PARLING LOT
Address:	1000 SOUTH OLD WOODWARD AVENUE
City,State,Zip:	BIRMINGHAM, MI
Secondary Address:	Not reported
BEA Number:	4565
District:	Southeast MI
Date Received:	08/18/2010
Submitter Name:	Perimeter Properties, LLC
Petition Determination:	No Request
Petition Disclosure:	0
Category:	N
Determination 20107A:	No Request
Reviewer:	mitchelf

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**OFFICE BUILDING & PARLING LOT (Continued)**

**S110624681**

Division Assigned:	STD
Location ID:	Not reported
Submittal Type:	Not reported
Submittal Number:	Not reported
Approval Status:	Not reported
Workflow Status:	Not reported
Date Submitted:	Not reported
Date Completed:	Not reported
Township:	Not reported
Work Unit:	Not reported
Comments:	Not reported
Organization:	Not reported
Contact:	Not reported
Contact Type:	Not reported

**B9**  
**ENE**  
 1/8-1/4  
 0.183 mi.  
 965 ft.

**PERIMETER PROPERTIES LLC**  
**1000 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1018157485**  
**MIK212640328**

**Site 4 of 10 in cluster B**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

RCRA Listings:	
Date Form Received by Agency:	20150929
Handler Name:	Perimeter Properties Llc
Handler Address:	1000 S OLD WOODWARD AVE
Handler City,State,Zip:	BIRMINGHAM, MI 48009
EPA ID:	MIK212640328
Contact Name:	STEVEN G QUINTAL
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	248-642-0024
Contact Fax:	248-642-0136
Contact Email:	STEVE@FULLERCENTRALPARK.COM
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	112 PEABODY ST
Mailing City,State,Zip:	BIRMINGHAM, MI 48009
Owner Name:	Perimeter Properties Llc
Owner Type:	Private
Operator Name:	Perimeter Properties Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PERIMETER PROPERTIES LLC (Continued)**

**1018157485**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151002
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PERIMETER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	20100102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PERIMETER PROPERTIES LLC
Legal Status:	Private
Date Became Current:	20100102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERIMETER PROPERTIES LLC (Continued)**

**1018157485**

Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20150929  
Handler Name: PERIMETER PROPERTIES LLC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 531120  
NAICS Description: LESSORS OF NONRESIDENTIAL BUILDINGS (EXCEPT MINIWAREHOUSES)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110066970022

[Click Here for FRS Facility Detail Report:](#)

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018157485  
Registry ID: 110066970022  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110066970022>  
Name: PERIMETER PROPERTIES LLC  
Address: 1000 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B10**  
**ENE**  
**1/8-1/4**  
**0.183 mi.**  
**968 ft.**

**WOODLINC/MICH LTD PARTNERSHIP**  
**1050 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**LUST** **U003834711**  
**INVENTORY** **N/A**

**Site 5 of 10 in cluster B**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

**LUST:**

Name: WOODLINC/MICH LTD PARTNERSHIP  
Address: 1050 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 39226  
Source: Not reported  
Owner Name: St. John, Gerald  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: 6165917117  
Country: Not reported  
District: Warren  
Site Name: Woodlinc/mich Ltd Partnership  
Latitude: 42.54057  
Longitude: -83.20848  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 26120  
Release Date: 12/20/1996  
Substance Released: Not reported  
Release Status: Open  
Release Closed Date: Not reported  
  
Leak Number: C-1071-96  
Release Date: 12/20/1996  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

**INVENTORY:**

Name: WOODLINC/MICH LTD PARTNERSHIP  
Address: 1050 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Woodlinc/mich Ltd Partnership  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Golla, Terri

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODLINC/MICH LTD PARTNERSHIP (Continued)**

**U003834711**

Latitude: 42.540576  
Longitude: -83.208483

**11  
NE  
1/8-1/4  
0.184 mi.  
973 ft.**

**AMERICAR  
860 S OLD WOODWARD AVE  
BIRMINGHAM, MI 48009**

**LUST U000263070  
UST N/A  
WDS**

**Relative:  
Higher  
Actual:  
758 ft.**

**LUST:**  
Name: AMERICAR  
Address: 860 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 34958  
Source: Not reported  
Owner Name: Tire & Rubber Co, Goodyear  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Americar Rental  
Latitude: 42.54084  
Longitude: -83.20877  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 32559  
Release Date: 08/29/1989  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 08/16/1990  
  
Leak Number: C-0468-89  
Release Date: 08/29/1989  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 08/16/1990  
  
**UST:**  
Name: AMERICAR  
Address: 860 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-6722  
Facility Type: CLOSED  
Facility ID: 00034958

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAR (Continued)**

**U000263070**

Owner Name: BEIER DEAN G % ROBERT R. SHUMAN  
Owner Address: 200 E LONG LAKE RD SUITE110  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48304  
Owner Contact: Not reported  
Owner Phone: 3136459400  
Contact: Not reported  
Contact Phone: ( ) -  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 01/01/1948  
Remove Date: 02/15/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54084  
Longitude: -83.20877

Name: AMERICAR  
Address: 860 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-6722  
Facility Type: CLOSED  
Facility ID: 00034958  
Owner Name: BEIER DEAN G % ROBERT R. SHUMAN  
Owner Address: 200 E LONG LAKE RD SUITE110  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48304  
Owner Contact: Not reported  
Owner Phone: 3136459400  
Contact: Not reported  
Contact Phone: ( ) -  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
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

**AMERICAR (Continued)**

**U000263070**

District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Heating Oil  
Install Date: 01/01/1948  
Remove Date: 02/15/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54084  
Longitude: -83.20877

**WDS:**

Name: AMERICAR RENTAL SYSTEM  
Address: 860 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Site Id: MIG000012614  
WMD Id: 456124  
Site Specific Name: AMERICAR RENTAL SYSTEM  
Mailing Address: 860 S OLD WOODWARD AVE  
Mailing City/State/Zip: 48009  
Mailing County: OAKLAND

12  
NNW  
1/8-1/4  
0.188 mi.  
992 ft.

**BARNUM HEALTH CENTER  
746 PURDY ST  
BIRMINGHAM, MI 48009**

**UST U003833692  
N/A**

**Relative:  
Higher  
Actual:  
764 ft.**

**UST:**

Name: BARNUM HEALTH CENTER  
Address: 746 PURDY ST  
City,State,Zip: BIRMINGHAM 48009-1768  
Facility Type: CLOSED  
Facility ID: 00017691  
Owner Name: BEAUMONT INFORMATION SERVICE CENTER  
Owner Address: 1350 STEPHENSON HWY  
Owner City: TROY  
Owner State: MI  
Owner Zip: 48083  
Owner Contact: Not reported  
Owner Phone: 2485516351  
Contact: JIM ANDERSON  
Contact Phone: (734) 285-3737  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BARNUM HEALTH CENTER (Continued)**

**U003833692**

Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 10000  
Tank Status: Temporarily Out of Use  
Substance: Diesel,Other(HEAT-CONSUMPTIVE USE)  
Install Date: 05/01/1951  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54198  
Longitude: -83.21291

**B13** **JOES SERVICE STATION**  
**ENE** **N 1494-99 WOODWARD**  
**1/8-1/4** **BIRMINGHAM, MI 48011**  
**0.194 mi.**  
**1023 ft.** **Site 6 of 10 in cluster B**

**UST** **U004181317**  
**N/A**

**Relative:** UST:  
**Lower** Name: JOES SERVICE STATION  
**Actual:** Address: 0 N 1494-99 WOODWARD  
**755 ft.** City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00009170  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 5  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/10/1966  
Remove Date: 01/01/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	JOES SERVICE STATION
Address:	0 N 1494-99 WOODWARD
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00009170
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	4
Capacity:	6000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/10/1966
Remove Date:	01/01/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	JOES SERVICE STATION
Address:	0 N 1494-99 WOODWARD
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00009170
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 3  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/10/1966  
Remove Date: 01/01/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00009170  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 2  
Capacity: 6000  
Tank Status: Removed from Ground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Substance: Diesel  
Install Date: 04/10/1966  
Remove Date: 01/01/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00009170  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 1  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/10/1966  
Remove Date: 01/01/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

UST 2:

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-022065-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-034704-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-040543-15  
Facility Status: Not reported  
Tank ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-062386-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: JOES SERVICE STATION  
Address: 0 N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-062394-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: JOES SERVICE STATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Address: N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-034704-15  
Facility Status: Inactive  
Tank ID: 2  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Diesel  
Install Date: 04/10/1966  
Removal Date: 01/01/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Unknown  
Tank Constr. Material: Other,Unknown

Name: JOES SERVICE STATION  
Address: N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-062386-15  
Facility Status: Inactive  
Tank ID: 1  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Diesel  
Install Date: 04/10/1966  
Removal Date: 01/01/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Unknown  
Tank Constr. Material: Other,Unknown

Name: JOES SERVICE STATION  
Address: N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-040543-15  
Facility Status: Inactive

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOES SERVICE STATION (Continued)**

**U004181317**

Tank ID: 4  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Gasoline  
Install Date: 04/10/1966  
Removal Date: 01/01/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Unknown  
Tank Constr. Material: Other,Unknown

Name: JOES SERVICE STATION  
Address: N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-022065-15  
Facility Status: Inactive  
Tank ID: 5  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Gasoline  
Install Date: 04/10/1966  
Removal Date: 01/01/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Unknown  
Tank Constr. Material: Other,Unknown

Name: JOES SERVICE STATION  
Address: N 1494-99 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-062394-15  
Facility Status: Inactive  
Tank ID: 3  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Gasoline  
Install Date: 04/10/1966  
Removal Date: 01/01/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Unknown  
Tank Constr. Material: Other,Unknown

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B14**      **BIRMINGHAM CLEANERS INC**  
**ENE**      **1253 S WOODWARD**  
**1/8-1/4**    **BIRMINGHAM, MI 48009**  
**0.196 mi.**  
**1033 ft.**    **Site 7 of 10 in cluster B**

**DRYCLEANERS**    **S123403886**  
**N/A**

**Relative:**      **DRYCLEANERS:**  
**Lower**            Name:                      BIRMINGHAM CLEANERS INC  
                       Address:                    1253 S WOODWARD  
**Actual:**            City,State,Zip:          BIRMINGHAM, MI 48009  
**756 ft.**              fadd2:                      Not reported  
                       Facility Status:          Closed  
                       Establishment#:        6300066  
                       DCM #:                    Not reported  
                       DCM Type:                Commercial  
                       Total lb:                  Not reported  
                       Inspector:                Not reported  
                       Last Insp Date:         Not reported

**B15**      **SILK AND MORGAN, INC.**  
**ENE**      **1253 S. WOODWARD**  
**1/8-1/4**    **BIRMINGHAM, MI**  
**0.196 mi.**  
**1033 ft.**    **Site 8 of 10 in cluster B**

**BEA**    **S127501539**  
**N/A**

**Relative:**      **BEA:**  
**Lower**            Name:                      SILK AND MORGAN, INC.  
                       Address:                    1253 S. WOODWARD  
**Actual:**            City,State,Zip:          BIRMINGHAM, MI  
**756 ft.**              Secondary Address:      Not reported  
                       BEA Number:              363  
                       District:                   Southeast MI  
                       Date Received:          06/17/1997  
                       Submitter Name:        MR. NORMAN SILK  
                       Petition Determination: No Request  
                       Petition Disclosure:    1  
                       Category:                 N  
                       Determination 20107A: No Request  
                       Reviewer:                 mitchelf  
                       Division Assigned:      STD  
                       Location ID:              Not reported  
                       Submittal Type:         Not reported  
                       Submittal Number:      Not reported  
                       Approval Status:         Not reported  
                       Workflow Status:        Not reported  
                       Date Submitted:         Not reported  
                       Date Completed:         Not reported  
                       Township:                 Not reported  
                       Work Unit:                Not reported  
                       Comments:                Not reported  
                       Organization:            Not reported  
                       Contact:                   Not reported  
                       Contact Type:            Not reported

MAP FINDINGS

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

<b>B16</b>	<b>FORMER BIRMINGHAM CLEANERS</b>	<b>BEA</b>	<b>S127501022</b>
<b>ENE</b>	<b>1253 S. WOODWARD AVENUE</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>BIRMINGHAM, MI</b>		
<b>0.196 mi.</b>			
<b>1033 ft.</b>	<b>Site 9 of 10 in cluster B</b>		

<b>Relative:</b>	BEA:	
<b>Lower</b>	Name:	FORMER BIRMINGHAM CLEANERS
	Address:	1253 S. WOODWARD AVENUE
<b>Actual:</b>	City,State,Zip:	BIRMINGHAM, MI
<b>756 ft.</b>	Secondary Address:	Not reported
	BEA Number:	381
	District:	Southeast MI
	Date Received:	07/03/1997
	Submitter Name:	SILK & MORGAN, INC.
	Petition Determination:	No Request
	Petition Disclosure:	0
	Category:	N
	Determination 20107A:	No Request
	Reviewer:	temppm
	Division Assigned:	STD
	Location ID:	Not reported
	Submittal Type:	Not reported
	Submittal Number:	Not reported
	Approval Status:	Not reported
	Workflow Status:	Not reported
	Date Submitted:	Not reported
	Date Completed:	Not reported
	Township:	Not reported
	Work Unit:	Not reported
	Comments:	Not reported
	Organization:	Not reported
	Contact:	Not reported
	Contact Type:	Not reported

<b>B17</b>	<b>DTE ENERGY/DETROIT EDISON</b>	<b>RCRA-VSQG</b>	<b>1014393048</b>
<b>ENE</b>	<b>1455 WOODWARD AVE N</b>		<b>MIK948976568</b>
<b>1/8-1/4</b>	<b>BIRMINGHAM, MI 48009</b>		
<b>0.200 mi.</b>			
<b>1056 ft.</b>	<b>Site 10 of 10 in cluster B</b>		

<b>Relative:</b>	RCRA Listings:	
<b>Lower</b>	Date Form Received by Agency:	20100607
	Handler Name:	Dte Energy/Detroit Edison
<b>Actual:</b>	Handler Address:	1455 WOODWARD AVE N
<b>755 ft.</b>	Handler City,State,Zip:	BIRMINGHAM, MI 48009
	EPA ID:	MIK948976568
	Contact Name:	PATRICK TIERNEY
	Contact Address:	1455 WOODWARD AVE N
	Contact City,State,Zip:	BIRMINGHAM, MI 48009
	Contact Telephone:	313-235-5573
	Contact Fax:	Not reported
	Contact Email:	Not reported
	Contact Title:	Not reported
	EPA Region:	05
	Land Type:	Private
	Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DTE ENERGY/DETROIT EDISON (Continued)**

**1014393048**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1 ENERGY PLAZA
Mailing City,State,Zip:	DETROIT, MI 48226
Owner Name:	Dte Energy/Detroit Edison
Owner Type:	Private
Operator Name:	Dte Energy/Detroit Edison
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DTE ENERGY/DETROIT EDISON (Continued)**

**1014393048**

Owner/Operator Indicator: Operator  
Owner/Operator Name: DTE ENERGY/DETROIT EDISON  
Legal Status: Private  
Date Became Current: 19680225  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: DTE ENERGY/DETROIT EDISON  
Legal Status: Private  
Date Became Current: 19680225  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100607  
Handler Name: DTE ENERGY/DETROIT EDISON  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 221122  
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

<b>C18</b>	<b>QUARTON WOODWARD SERVICE</b>	<b>RCRA NonGen / NLR</b>	<b>1001196648</b>
<b>ENE</b>	<b>1599 S WOODWARD AVE</b>	<b>FINDS</b>	<b>MIR000022970</b>
<b>1/8-1/4</b>	<b>BIRMINGHAM, MI 48009</b>	<b>ECHO</b>	
<b>0.204 mi.</b>			
<b>1076 ft.</b>	<b>Site 1 of 3 in cluster C</b>		

**Relative:**  
**Lower**  
**Actual:**  
**755 ft.**

<b>RCRA Listings:</b>	
Date Form Received by Agency:	19970414
Handler Name:	Quarton Woodward Service
Handler Address:	1599 S WOODWARD AVE
Handler City,State,Zip:	BIRMINGHAM, MI 48009
EPA ID:	MIR000022970
Contact Name:	DENNIS BURKE
Contact Address:	1599 S WOODWARD AVE
Contact City,State,Zip:	BIRMINGHAM, MI 48009
Contact Telephone:	517-264-5963
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2507 W MAPLE RD
Mailing City,State,Zip:	WEST BLOOMFIELD, MI 48322
Owner Name:	Fratarcongli Alex
Owner Type:	Private
Operator Name:	Fratarcongli Alex
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**1001196648**

Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 20110303  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: Not reported  
Manifest Broker: Not reported  
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: FRATARCONGELI ALEX  
Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: FRATARCONGELI ALEX  
Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19970414  
Handler Name: QUARTON WOODWARD SERVICE  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**1001196648**

Current Record: Yes  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131  
 NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**FINDS:**

Registry ID: 110003700718

[Click Here for FRS Facility Detail Report:](#)

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1001196648  
 Registry ID: 110003700718  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003700718>  
 Name: QUARTON WOODWARD SERVICE  
 Address: 1599 S WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009

**C19**  
**ENE**  
**1/8-1/4**  
**0.204 mi.**  
**1076 ft.**

**QUARTON WOODWARD SERVICE**  
**1599 S WOODWARD AVE**  
**BIRMINGHAM, MI 48009**  
**Site 2 of 3 in cluster C**

**LUST** **U000261883**  
**UST** **N/A**  
**AUL**  
**INVENTORY**  
**WDS**

**Relative:**  
**Lower**  
**Actual:**  
**755 ft.**

**LUST:**  
 Name: QUARTON WOODWARD SERVICE  
 Address: 1599 S WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Facility ID: 33030  
 Source: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Contact: Not reported  
 Owner Phone: Not reported  
 Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

District: Warren  
Site Name: Quarton Woodward Service  
Latitude: 42.53975  
Longitude: -83.20728  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: 27779  
Release Date: 05/19/1997  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 01/24/2019

Leak Number: C-0328-97  
Release Date: 05/19/1997  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 01/24/2019

**UST:**

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 8  
Capacity: 550  
Tank Status: Removed from Ground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Substance: Used Oil  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 7  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 6  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 5  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 4  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53975  
Longitude: -83.20728

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-5128  
Facility Type: CLOSED  
Facility ID: 00033030  
Owner Name: MR ALEX FRATARCONGELI  
Owner Address: 2507 W MAPLE RD  
Owner City: BLOOMFIELD HILLS  
Owner State: MI  
Owner Zip: 48301-2750  
Owner Contact: Not reported  
Owner Phone: 2486422882  
Contact: ALEX FRATERCZNGELI  
Contact Phone: (248) 642-2882  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 05/21/1997  
Tank Number: Not reported  
Tank Details Compartments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**QUARTON WOODWARD SERVICE (Continued)**

**U000261883**

Tank Release Detection: Not reported  
 Pipe Release Detection: Not reported  
 Piping Material: Not reported  
 Piping Type: Not reported  
 Tank Construction: Not reported  
 Impressed Device: Not reported  
 Latitude: 42.53975  
 Longitude: -83.20728

**AUL:**

Name:	QUARTON WOODWARD SERVICE FORMER
Address:	1599 SOUTH WOODWARD AVENUE
City,State,Zip:	BIRMINGHAM, MI 48009
Status:	Recorded
Site Name:	Not reported
Property:	On-Site
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	11/05/2018
Legal Description Of Property:	Not reported
Based On The Deq Ref #:	11121316174
MDEQ Reference Number:	RC-RRD-213-16-174
Property Or Description Restricted Area:	Not reported
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\KERMIT\11121316174.PDF
Mapped Polygons Area In Acres:	0.36380000000000001
Mapped Polygons Area In Square Miles:	0.0005
Date Data Entry Started:	11/05/2018
Date Data Entry Finished:	11/05/2018
Individual Or Staff Assoc With The Mapping:	Nicholas Ekel
Program Used To Map Restricted Features:	ArcGIS 10.5
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	06/22/2018
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:	1
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:	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
Comment:	20160919 - Reference number was requested by William Teasel of Service Environmental Engineerin, Inc. - Nick Ekel
Map Comments:	20181105 - LRUR is NOT mapped in KERMIT - Nick Ekel 20181105 - LRUR is mapped in KERMIT - Nick Ekel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

QUARTON WOODWARD SERVICE (Continued)

U000261883

INVENTORY:

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risk Controlled  
Lust Name: Quarton Woodward Service  
Regulatory Program: 213  
Release Status: Closed  
Project Manager: Golla, Terri  
Latitude: 42.539757  
Longitude: -83.207288

WDS:

Name: QUARTON WOODWARD SERVICE  
Address: 1599 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Site Id: MIR000022970  
WMD Id: 411471  
Site Specific Name: QUARTON WOODWARD SVC  
Mailing Address: 2507 W MAPLE RD  
Mailing City/State/Zip: 48322  
Mailing County: OAKLAND

D20  
NNE  
1/8-1/4  
0.206 mi.  
1086 ft.

WOODWARD AND GEORGE, LLC  
772-784 SOUTH OLD WOODWARD  
BIRMINGHAM, MI 48009

BEA S109345280  
N/A

Site 1 of 5 in cluster D

Relative:  
Higher  
Actual:  
759 ft.

BEA:  
Name: WOODWARD AND GEORGE, LLC  
Address: 772-784 SOUTH OLD WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 4025  
District: Southeast MI  
Date Received: 10/17/2008  
Submitter Name: Woodward and George, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: N  
Determination 20107A: No Request  
Reviewer: mitchelf  
Division Assigned: RRD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WOODWARD AND GEORGE, LLC (Continued)**

**S109345280**

Contact: Not reported  
 Contact Type: Not reported

**D21**  
**NNE**  
 1/8-1/4  
 0.207 mi.  
 1094 ft.

**VIRGINIA C CLOHSET TRUST**  
**784 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**RCRA NonGen / NLR**

**1011489214**  
**MIK322432543**

**Site 2 of 5 in cluster D**

**Relative:**  
**Higher**  
**Actual:**  
**759 ft.**

RCRA Listings:	
Date Form Received by Agency:	20080627
Handler Name:	Virginia C Clohset Trust
Handler Address:	784 S OLD WOODWARD AVE
Handler City,State,Zip:	BIRMINGHAM, MI 48009
EPA ID:	MIK322432543
Contact Name:	PHIL CLOHSET
Contact Address:	784 S OLD WOODWARD AVE
Contact City,State,Zip:	BIRMINGHAM, MI 48009
Contact Telephone:	248-646-6534
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1595 NORTHLAWN BLVD
Mailing City,State,Zip:	BIRMINGHAM, MI 48009
Owner Name:	Virginia C Clohset Trust
Owner Type:	Private
Operator Name:	Virginia C Clohset Trust
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIRGINIA C CLOHSET TRUST (Continued)**

1011489214

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VIRGINIA C CLOHSET TRUST
Legal Status:	Private
Date Became Current:	20050102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VIRGINIA C CLOHSET TRUST
Legal Status:	Private
Date Became Current:	20050102
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080627
Handler Name:	VIRGINIA C CLOHSET TRUST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VIRGINIA C CLOHSET TRUST (Continued)**

**1011489214**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	45311
NAICS Description:	FLORISTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Evaluation Action Summary:

Evaluations:	No Evaluations Found
--------------	----------------------

**D22**  
**NNE**  
**1/8-1/4**  
**0.208 mi.**  
**1097 ft.**

**772-784 SOUTH OLD WOODWARD**  
**772-784 SOUTH OLD WOODWARD**  
**OAKLAND (County), MI 48009**

**INVENTORY S127500553**  
**BEA N/A**

**Site 3 of 5 in cluster D**

**Relative:**  
**Higher**  
**Actual:**  
**759 ft.**

**INVENTORY:**

Name:	772-784 SOUTH OLD WOODWARD
Address:	772-784 SOUTH OLD WOODWARD
City,State,Zip:	MI 48009
Township:	Birmingham
District:	Warren
Data Source:	Risks Not Determined
Lust Name:	Not reported
Regulatory Program:	201
Release Status:	Not reported
Project Manager:	Owens, Paul
Latitude:	NaN
Longitude:	NaN

**BEA:**

Name:	772-784 SOUTH OLD WOODWARD
Address:	772-784 SOUTH OLD WOODWARD
City,State,Zip:	MI 48009
Secondary Address:	Not reported
BEA Number:	Not reported
District:	Not reported
Date Received:	10/17/2008
Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	63501161
Submittal Type:	Baseline Environmental Assessment

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**772-784 SOUTH OLD WOODWARD (Continued)**

**S127500553**

Submittal Number: B200804025LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2008-10-23 13:52:56  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren  
 Comments: Records Manager: Box 186 To Lansing on 5/4/16  
 Organization: Woodward and George, LLC  
 Contact: Allan R. Longyear  
 Contact Type: Submitter Contact

**D23**  
**NNE**  
 1/8-1/4  
 0.208 mi.  
 1097 ft.

**TIFFANY FLORIST**  
**772 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**Site 4 of 5 in cluster D**

**LUST** **U004123610**  
**UST** **N/A**  
**INVENTORY**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**759 ft.**

Name: TIFFANY FLORIST  
 Address: 772 S OLD WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Facility ID: 42132  
 Source: Not reported  
 Owner Name: T. ZENKER, NANCY  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Contact: Not reported  
 Owner Phone: Not reported  
 Country: Not reported  
 District: Warren  
 Site Name: Tiffany Florist  
 Latitude: 42.54149  
 Longitude: -83.20967  
 Date of Collection: Not reported  
 Method of Collection: The geographic coordinate determination method based on interpolation-photo.  
 Accuracy: 10  
 Accuracy Value Unit: Not reported  
 Horizontal Data: North American Datum of 1983  
 Point Line Area: Not reported  
 Desc Category: Not reported  
 Regulatory Program: Not reported  
 Risk Condition: Not reported  
 Project Manager: Not reported  
 Senate District: Not reported  
 House District: Not reported  
 US Congressional District: Not reported

Leak Number: 10519  
 Release Date: 07/21/2008  
 Substance Released: Gasoline  
 Release Status: Open  
 Release Closed Date: Not reported

Leak Number: 10519  
 Release Date: 07/21/2008  
 Substance Released: Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIFFANY FLORIST (Continued)**

**U004123610**

Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-0157-08  
Release Date: 07/21/2008  
Substance Released: Gasoline, Gasoline  
Release Status: Open  
Release Closed Date: Not reported

**UST:**

Name: TIFFANY FLORIST  
Address: 772 S OLD WOODWARD AVE  
City, State, Zip: BIRMINGHAM 48009-6600  
Facility Type: CLOSED  
Facility ID: 00042132  
Owner Name: VIRGINIA C CLOHSET TRUST  
Owner Address: C/O PHIL CLOHSET 1595 NORTHLAWN  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2486466534  
Contact: Phil Clohset  
Contact Phone: (248) 646-6534  
Date of Collection: 03/14/2014  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Interpolation-Photo  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 01/01/1947  
Remove Date: 07/10/2008  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54149  
Longitude: -83.20967

Name: TIFFANY FLORIST  
Address: 772 S OLD WOODWARD AVE  
City, State, Zip: BIRMINGHAM 48009-6600  
Facility Type: CLOSED  
Facility ID: 00042132  
Owner Name: VIRGINIA C CLOHSET TRUST  
Owner Address: C/O PHIL CLOHSET 1595 NORTHLAWN  
Owner City: BIRMINGHAM



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIFFANY FLORIST (Continued)**

**U004123610**

Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2486466534  
Contact: Phil Clohset  
Contact Phone: (248) 646-6534  
Date of Collection: 03/14/2014  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Interpolation-Photo  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 01/01/1947  
Remove Date: 07/10/2008  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54149  
Longitude: -83.20967

Name: TIFFANY FLORIST  
Address: 772 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-6600  
Facility Type: CLOSED  
Facility ID: 00042132  
Owner Name: VIRGINIA C CLOHSET TRUST  
Owner Address: C/O PHIL CLOHSET 1595 NORTHLAWN  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2486466534  
Contact: Phil Clohset  
Contact Phone: (248) 646-6534  
Date of Collection: 03/14/2014  
Accuracy: 10  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Interpolation-Photo  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 1000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TIFFANY FLORIST (Continued)**

**U004123610**

Tank Status: Closed in Ground  
Substance: Gasoline  
Install Date: 01/01/1947  
Remove Date: 07/07/2008  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54149  
Longitude: -83.20967

**INVENTORY:**

Name: TIFFANY FLORIST  
Address: 772 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Tiffany Florist  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Golla, Terri  
Latitude: 42.54149104  
Longitude: -83.20967541

**C24**  
**ENE**  
**1/8-1/4**  
**0.209 mi.**  
**1106 ft.**

**DEN-AIR AUTO SERVICE CO**  
**1775 S WOODWARD AVE**  
**BIRMINGHAM, MI 48009**  
**Site 3 of 3 in cluster C**

**RCRA NonGen / NLR** **1000138335**  
**FINDS** **MID000715672**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**755 ft.**

RCRA Listings:  
Date Form Received by Agency: 19800818  
Handler Name: Den-Air Auto Service Co  
Handler Address: 1775 S WOODWARD AVE  
Handler City,State,Zip: BIRMINGHAM, MI 48009  
EPA ID: MID000715672  
Contact Name: GIL LOVELL  
Contact Address: 1775 S WOODWARD AVE  
Contact City,State,Zip: BIRMINGHAM, MI 48009  
Contact Telephone: 313-358-2540  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 05  
Land Type: Other  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Not reported  
State District Owner: Not reported  
State District: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**DEN-AIR AUTO SERVICE CO (Continued)**

**1000138335**

Mailing Address:	1775 S WOODWARD AVE
Mailing City,State,Zip:	BIRMINGHAM, MI 48009
Owner Name:	No Active O/Op As Not Generating Waste
Owner Type:	Private
Operator Name:	No Active O/Op As Not Generating Waste
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEN-AIR AUTO SERVICE CO (Continued)**

**1000138335**

Date Became Current: 19700103  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 19700103  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19800818  
Handler Name: DEN-AIR AUTO SERVICE CO  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131  
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003575578

[Click Here for FRS Facility Detail Report:](#)

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,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DEN-AIR AUTO SERVICE CO (Continued)**

**1000138335**

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000138335  
Registry ID: 110003575578  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003575578>  
Name: DEN-AIR AUTO SERVICE CO  
Address: 1775 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009

**D25**  
**NNE**  
**1/8-1/4**  
**0.211 mi.**  
**1113 ft.**

**JIMMIES RUSTICS**  
**690 SOUTH OLD WOODWARD**  
**BIRMINGHAM, MI**  
**Site 5 of 5 in cluster D**

**BEA S107596787**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**760 ft.**

**BEA:**  
Name: JIMMIES RUSTICS  
Address: 690 SOUTH OLD WOODWARD  
City,State,Zip: BIRMINGHAM, MI  
Secondary Address: Not reported  
BEA Number: 3058  
District: Southeast MI  
Date Received: 02/08/2006  
Submitter Name: Perimeter Properties  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: N  
Determination 20107A: No Request  
Reviewer: william  
Division Assigned: ERD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**E26**  
**East**  
**1/8-1/4**  
**0.211 mi.**  
**1116 ft.**

**OHM OF BIRMINGHAM**  
**33989 S. WOODWARD**  
**BIRMINGHAM, MI**

**Site 1 of 2 in cluster E**

**DRYCLEANERS**    **S110624752**  
**N/A**

**Relative:**    **DRYCLEANERS:**  
**Lower**        Name:                    OHM OF BIRMINGHAM  
                  Address:                33989 S. WOODWARD  
**Actual:**        City,State,Zip:        BIRMINGHAM, MI  
**754 ft.**         fadd2:                    Not reported  
                  Facility Status:        Open  
                  Establishment#:        6300266  
                  DCM #:                    1  
                  DCM Type:                Petro  
                  Total lb:                 60  
                  Inspector:                joejaskowski  
                  Last Insp Date:         06/02/2022

**E27**  
**East**  
**1/8-1/4**  
**0.211 mi.**  
**1116 ft.**

**RDM MANAGEMENT INC**  
**33989 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**Site 2 of 2 in cluster E**

**RCRA-VSQQ**    **1000117706**  
**FINDS**         **MID981803182**  
**ECHO**

**Relative:**    **RCRA Listings:**  
**Lower**        Date Form Received by Agency:    20180529  
**Actual:**        Handler Name:                    Rdm Management Inc  
**754 ft.**         Handler Address:                33989 WOODWARD AVE  
                  Handler City,State,Zip:        BIRMINGHAM, MI 48009  
                  EPA ID:                        MID981803182  
                  Contact Name:                 RICHARD D MACDONALD  
                  Contact Address:                Not reported  
                  Contact City,State,Zip:        Not reported  
                  Contact Telephone:            313-770-8808  
                  Contact Fax:                    Not reported  
                  Contact Email:                 RMACDONA54@GMAIL.COM  
                  Contact Title:                 Not reported  
                  EPA Region:                    05  
                  Land Type:                    Private  
                  Federal Waste Generator Description:    Conditionally Exempt Small Quantity Generator  
                  Non-Notifier:                 Not reported  
                  Biennial Report Cycle:        Not reported  
                  Accessibility:                 Not reported  
                  Active Site Indicator:         Handler Activities  
                  State District Owner:         Not reported  
                  State District:                 Not reported  
                  Mailing Address:                4737 MCMILLAN CT  
                  Mailing City,State,Zip:        ROCHESTER, MI 48306  
                  Owner Name:                    Richard Macdonald  
                  Owner Type:                    Private  
                  Operator Name:                 Richard Macdonald  
                  Operator Type:                 Private  
                  Short-Term Generator Activity:    No  
                  Importer Activity:             No  
                  Mixed Waste Generator:        No  
                  Transporter Activity:         No  
                  Transfer Facility Activity:      No  
                  Recycler Activity with Storage:    No  
                  Small Quantity On-Site Burner Exemption:    No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180717
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ONE HOUR MARTINIZING OF BIRMINGHAM LLC
Legal Status:	Private
Date Became Current:	19940211
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ONE HOUR MARTINIZING OF BIRMINGHAM LLC
Legal Status:	Private
Date Became Current:	19940211

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

Owner/Operator Name: RICHARD MACDONALD  
Legal Status: Private  
Date Became Current: 20180507  
Date Ended Current: Not reported  
Owner/Operator Address: 4737 MCMILLAN CT  
Owner/Operator City,State,Zip: ROCHESTER, MI 48306-4735  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: RICHARD MACDONALD  
Legal Status: Private  
Date Became Current: 20180507  
Date Ended Current: Not reported  
Owner/Operator Address: 4737 MCMILLAN CT  
Owner/Operator City,State,Zip: ROCHESTER, MI 48306-4735  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ONE HOUR MARTINIZING OF BIRMINGHAM LLC  
Legal Status: Private  
Date Became Current: 19940211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19981019  
Handler Name: MARTINIZING DRY CLEANING OF BIRMINGHAM  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19870302  
Handler Name: MARTINIZING DRY CLEANING OF BIRMINGHAM  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20021231  
Handler Name: MARTINIZING DRY CLEANING OF BIRMINGHAM  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20030130  
Handler Name: MARTINIZING DRY CLEANING OF BIRMINGHAM  
Federal Waste Generator Description: Not a generator, verified

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20100322  
Handler Name: MARTINIZING DRY CLEANING OF BIRMINGHAM  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20180529  
Handler Name: RDM MANAGEMENT INC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81232  
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

NAICS Code: 812320  
NAICS Description: DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003624908

[Click Here for FRS Facility Detail Report:](#)

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RDM MANAGEMENT INC (Continued)**

**1000117706**

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000117706
Registry ID:	110003624908
DFR URL:	<a href="http://echo.epa.gov/detailed-facility-report?fid=110003624908">http://echo.epa.gov/detailed-facility-report?fid=110003624908</a>
Name:	RDM MANAGEMENT INC
Address:	33989 WOODWARD AVE
City,State,Zip:	BIRMINGHAM, MI 48009

**F28**  
**NNE**  
 1/8-1/4  
 0.237 mi.  
 1250 ft.

**VILLAGE AMC/JEEP INC**  
**666 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**1000276202**  
**MID058819707**

**Site 1 of 2 in cluster F**

**Relative:**  
**Higher**  
**Actual:**  
**760 ft.**

RCRA Listings:

Date Form Received by Agency:	19980917
Handler Name:	Village Amc/Jeep Inc
Handler Address:	666 S OLD WOODWARD AVE
Handler City,State,Zip:	BIRMINGHAM, MI 48009
EPA ID:	MID058819707
Contact Name:	ROBERT CANN
Contact Address:	666 S OLD WOODWARD AVE
Contact City,State,Zip:	BIRMINGHAM, MI 48009
Contact Telephone:	313-646-3900
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	666 S OLD WOODWARD AVE
Mailing City,State,Zip:	BIRMINGHAM, MI 48009
Owner Name:	Village Amc/Jeep Inc
Owner Type:	Private
Operator Name:	Village Amc/Jeep Inc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VILLAGE AMC/JEEP INC (Continued)**

**1000276202**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

**Handler - Owner Operator:**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VILLAGE AMC/JEEP INC
Legal Status:	Private
Date Became Current:	19700101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VILLAGE AMC/JEEP INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VILLAGE AMC/JEEP INC (Continued)**

**1000276202**

Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

Owner/Operator Name: VILLAGE AMC/JEEP INC

Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

Owner/Operator Name: VILLAGE AMC/JEEP INC

Legal Status: Private  
Date Became Current: 19700101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 19980917  
Handler Name: VILLAGE AMC/JEEP INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19850909  
Handler Name: VILLAGE AMC/JEEP INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VILLAGE AMC/JEEP INC (Continued)**

**1000276202**

Current Record: No  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131  
 NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**FINDS:**

Registry ID: 110003599428

[Click Here for FRS Facility Detail Report:](#)

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000276202  
 Registry ID: 110003599428  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003599428>  
 Name: VILLAGE AMC/JEEP INC  
 Address: 666 S OLD WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009

**F29**  
**NNE**  
**1/8-1/4**  
**0.245 mi.**  
**1296 ft.**

**VILLAGE JEEP EAGLE**  
**666 S WOODWARD**  
**BIRMINGHAM, MI 48011**  
**Site 2 of 2 in cluster F**

**UST U003320620**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**761 ft.**

UST:  
 Name: VILLAGE JEEP EAGLE  
 Address: 666 S WOODWARD  
 City,State,Zip: BIRMINGHAM, MI 48011  
 Facility Type: Currently In Use  
 Facility ID: 00005612  
 Owner Name: CHRYSLER REALTY CORP  
 Owner Address: 1450 W LONG LAKE RD STE 280  
 Owner City: TROY  
 Owner State: MI  
 Owner Zip: 48098  
 Owner Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VILLAGE JEEP EAGLE (Continued)

U003320620

Owner Phone: 3137370299  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 6  
Capacity: 50  
Tank Status: Currently In Use  
Substance: Other(HYD. FLUID)  
Install Date: 1966-05-07 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-045881-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: VILLAGE JEEP EAGLE  
Address: 666 S WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Currently In Use  
Facility ID: 00005612  
Owner Name: CHRYSLER REALTY CORP  
Owner Address: 1450 W LONG LAKE RD STE 280  
Owner City: TROY  
Owner State: MI  
Owner Zip: 48098  
Owner Contact: Not reported  
Owner Phone: 3137370299  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 5  
Capacity: 50  
Tank Status: Currently In Use  
Substance: Other(HYD FLUID)  
Install Date: 1966-05-07 00:00:00



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VILLAGE JEEP EAGLE (Continued)**

**U003320620**

Remove Date: Not reported  
Tank Number: UTK-039618-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: VILLAGE JEEP EAGLE  
Address: 666 S WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Currently In Use  
Facility ID: 00005612  
Owner Name: CHRYSLER REALTY CORP  
Owner Address: 1450 W LONG LAKE RD STE 280  
Owner City: TROY  
Owner State: MI  
Owner Zip: 48098  
Owner Contact: Not reported  
Owner Phone: 3137370299  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 4  
Capacity: 50  
Tank Status: Currently In Use  
Substance: Other(HYD. FLUID)  
Install Date: 1966-05-07 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-048415-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: VILLAGE JEEP EAGLE  
Address: 666 S WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Currently In Use  
Facility ID: 00005612

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VILLAGE JEEP EAGLE (Continued)**

**U003320620**

Owner Name: CHRYSLER REALTY CORP  
Owner Address: 1450 W LONG LAKE RD STE 280  
Owner City: TROY  
Owner State: MI  
Owner Zip: 48098  
Owner Contact: Not reported  
Owner Phone: 3137370299  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 3  
Capacity: 50  
Tank Status: Currently In Use  
Substance: Other(HYD. FLUID)  
Install Date: 1966-05-07 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-092432-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Unknown  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: VILLAGE JEEP EAGLE  
Address: 666 S WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Currently In Use  
Facility ID: 00005612  
Owner Name: CHRYSLER REALTY CORP  
Owner Address: 1450 W LONG LAKE RD STE 280  
Owner City: TROY  
Owner State: MI  
Owner Zip: 48098  
Owner Contact: Not reported  
Owner Phone: 3137370299  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VILLAGE JEEP EAGLE (Continued)**

**U003320620**

District:	Not reported
Tank ID:	2
Capacity:	50
Tank Status:	Currently In Use
Substance:	Other(HYD. FLUID)
Install Date:	1966-05-07 00:00:00
Remove Date:	Not reported
Tank Number:	UTK-042842-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	VILLAGE JEEP EAGLE
Address:	666 S WOODWARD
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00005612
Owner Name:	CHRYSLER REALTY CORP
Owner Address:	1450 W LONG LAKE RD STE 280
Owner City:	TROY
Owner State:	MI
Owner Zip:	48098
Owner Contact:	Not reported
Owner Phone:	3137370299
Contact:	F.G. NEUMAN
Contact Phone:	(313) 229-8639
Date of Collection:	Not reported
Accuracy:	15
Horizontal Datum:	NAD83
Accuracy Value Unit:	METERS
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Not reported
Method of Collection:	Interpolation-Map
District:	Region 1 - SE Michigan District Office
Tank ID:	1
Capacity:	250
Tank Status:	Removed from Ground
Substance:	Not reported
Install Date:	05/07/1966
Remove Date:	08/30/1990
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	42.54253
Longitude:	-83.20964

MAP FINDINGS
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Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

<b>G30</b> <b>East</b> <b>1/8-1/4</b> <b>0.247 mi.</b> <b>1305 ft.</b>	<b>WOODWARD DETROIT CVS LLC</b> <b>33877 WOODWARD AV</b> <b>BIRMINGHAM, MI 48009</b>  <b>Site 1 of 3 in cluster G</b>	<b>RCRA-VSQG</b>	<b>1024886221</b> <b>MIK185003922</b>
--	---	------------------	--

<b>Relative:</b>	RCRA Listings:		
<b>Lower</b>	Date Form Received by Agency:	20180611	
<b>Actual:</b>	Handler Name:	Woodward Detroit Cvs Llc	
<b>753 ft.</b>	Handler Address:	33877 WOODWARD AV	
	Handler City,State,Zip:	BIRMINGHAM, MI 48009	
	EPA ID:	MIK185003922	
	Contact Name:	NICOLE WILKINSON	
	Contact Address:	Not reported	
	Contact City,State,Zip:	Not reported	
	Contact Telephone:	401-770-7132	
	Contact Fax:	Not reported	
	Contact Email:	NICOLE.WILKINSON@CVSHEALTH.COM	
	Contact Title:	Not reported	
	EPA Region:	05	
	Land Type:	Private	
	Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	ONE CVS DR	
	Mailing City,State,Zip:	WOONSOCKET, RI 02895	
	Owner Name:	Vixtor Holdings	
	Owner Type:	Private	
	Operator Name:	Woodward Detroit Cvsllc	
	Operator Type:	Private	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	NN	
	Sub-Part K Indicator:	Not reported	
	2018 GPRC Permit Baseline:	Not on the Baseline	
	2018 GPRC Renewals Baseline:	Not on the Baseline	
	202 GPRC Corrective Action Baseline:	No	
	Subject to Corrective Action Universe:	No	
	Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	
	Corrective Action Priority Ranking:	No NCAPS ranking	
	Environmental Control Indicator:	No	
	Institutional Control Indicator:	No	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODWARD DETROIT CVS LLC (Continued)**

**1024886221**

Human Exposure Controls Indicator: N/A  
Groundwater Controls Indicator: N/A  
Significant Non-Complier Universe: No  
Unaddressed Significant Non-Complier Universe: No  
Addressed Significant Non-Complier Universe: No  
Significant Non-Complier With a Compliance Schedule Universe: No  
Financial Assurance Required: Not reported  
Handler Date of Last Change: 20180717  
Recognized Trader-Importer: No  
Recognized Trader-Exporter: No  
Importer of Spent Lead Acid Batteries: No  
Exporter of Spent Lead Acid Batteries: No  
Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

Hazardous Waste Summary:

Waste Code: D001  
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator: Owner  
Owner/Operator Name: VIXTOR HOLDINGS  
Legal Status: Private  
Date Became Current: 20180105  
Date Ended Current: Not reported  
Owner/Operator Address: ONE CVS DR  
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: WOODWARD DETROIT CVSLLC  
Legal Status: Private  
Date Became Current: 20180106  
Date Ended Current: Not reported  
Owner/Operator Address: ONE CVS DR  
Owner/Operator City,State,Zip: WOONSOCKET, RI 02895  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20180611  
Handler Name: WOODWARD DETROIT CVS LLC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WOODWARD DETROIT CVS LLC (Continued)**

**1024886221**

Current Record: Yes  
 Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44611  
 NAICS Description: PHARMACIES AND DRUG STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**G31**  
**East**  
**1/4-1/2**  
**0.271 mi.**  
**1430 ft.**

**FORMER GASOLINE STATION**  
**33801 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**Site 2 of 3 in cluster G**

**LUST** **S116385952**  
**INVENTORY** **N/A**  
**BEA**

**Relative:**  
**Lower**  
**Actual:**  
**752 ft.**

**LUST:**

Name: FORMER GASOLINE STATION  
 Address: 33801 WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Facility ID: 50005898  
 Source: 14  
 Owner Name: Sietsema, Chad  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Contact: Not reported  
 Owner Phone: 616-550-1352  
 Country: Not reported  
 District: Warren  
 Site Name: Former Gasoline Station  
 Latitude: 42.53762  
 Longitude: -83.20591  
 Date of Collection: Not reported  
 Method of Collection: The geographic coordinate determination method based on interpolation-photo.  
 Accuracy: 10  
 Accuracy Value Unit: Not reported  
 Horizontal Data: North American Datum of 1983  
 Point Line Area: Not reported  
 Desc Category: Not reported  
 Regulatory Program: Not reported  
 Risk Condition: Not reported  
 Project Manager: Not reported  
 Senate District: Not reported  
 House District: Not reported  
 US Congressional District: Not reported  
 Leak Number: 12326  
 Release Date: 07/31/2013  
 Substance Released: Unknown  
 Release Status: Open

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER GASOLINE STATION (Continued)**

**S116385952**

Release Closed Date: Not reported

**INVENTORY:**

Name: FORMER GASOLINE STATION  
Address: 33801 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Not Determined  
Lust Name: Former Gasoline Station  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Golla, Terri  
Latitude: 42.53762473  
Longitude: -83.20591787

**BEA:**

Name: FORMER GASOLINE STATION  
Address: 33801 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 07/31/2013  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 50005898  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201305655LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2013-08-05 10:33:52  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: Records Manager: Box 44 No RC To Lansing for scanning: 1/29/16  
Organization: B4 Investments, LLC  
Contact: Jamie Antoniewicz  
Contact Type: Submitter Contact

**G32**  
**East**  
**1/4-1/2**  
**0.271 mi.**  
**1430 ft.**

**NEIGHBORHOOD PRO HARDWARE PROPERTY**  
**33801 WOODWARD AVENUE**  
**BIRMINGHAM, MI 48009**  
**Site 3 of 3 in cluster G**

**BEA S113828178**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**752 ft.**

**BEA:**  
Name: NEIGHBORHOOD PRO HARDWARE PROPERTY  
Address: 33801 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 5655  
District: Southeast MI

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEIGHBORHOOD PRO HARDWARE PROPERTY (Continued)**

**S113828178**

Date Received: 07/31/2013  
 Submitter Name: B4 Investments, LLC  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category: Not reported  
 Determination 20107A: No Request  
 Reviewer: mitchelf  
 Division Assigned: STD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**H33**  
**NNE**  
 1/4-1/2  
 0.277 mi.  
 1461 ft.

**GOODYEAR TIRE CENTER 1685**  
**835 HAYNES ST**  
**BIRMINGHAM, MI 48009**  
 Site 1 of 3 in cluster H

**LUST** **U000263055**  
**UST** **N/A**  
**WDS**

**Relative:**  
**Higher**  
**Actual:**  
**759 ft.**

**LUST:**  
 Name: GOODYEAR TIRE CENTER 1685  
 Address: 835 HAYNES ST  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Facility ID: 21777  
 Source: Not reported  
 Owner Name: Arnold, Jerry  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Contact: Not reported  
 Owner Phone: 734-891-1523  
 Country: Not reported  
 District: Warren  
 Site Name: Goodyear Tire & Rubber Co  
 Latitude: 42.54196  
 Longitude: -83.20949  
 Date of Collection: Not reported  
 Method of Collection: The geographic coordinate determination method based on address matching-house number.  
 Accuracy: 100  
 Accuracy Value Unit: Not reported  
 Horizontal Data: North American Datum of 1983  
 Point Line Area: Not reported  
 Desc Category: Not reported  
 Regulatory Program: Not reported  
 Risk Condition: Not reported  
 Project Manager: Not reported  
 Senate District: Not reported  
 House District: Not reported  
 US Congressional District: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOODYEAR TIRE CENTER 1685 (Continued)**

**U000263055**

Leak Number: 22516  
Release Date: 06/04/1993  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 09/30/1994

Leak Number: C-0700-93  
Release Date: 06/04/1993  
Substance Released: Used Oil  
Release Status: Closed  
Release Closed Date: 09/30/1994

**UST:**

Name: GOODYEAR TIRE CENTER 1685  
Address: 835 HAYNES ST  
City,State,Zip: BIRMINGHAM 48009-6771  
Facility Type: CLOSED  
Facility ID: 00021777  
Owner Name: GOODYEAR TIRE CENTER  
Owner Address: PO BOX 5099  
Owner City: SOUTHFIELD  
Owner State: MI  
Owner Zip: 48086-5099  
Owner Contact: Not reported  
Owner Phone: 7346473370  
Contact: ERIC SCHULTZ  
Contact Phone: (734) 647-3370  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 04/16/1975  
Remove Date: 06/04/1993  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54196  
Longitude: -83.20949

**WDS:**

Name: HALBEISEN TOM INC  
Address: 835 HAYNES ST  
City,State,Zip: BIRMINGHAM, MI 48009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOODYEAR TIRE CENTER 1685 (Continued)**

**U000263055**

Site Id: MID985643790  
WMD Id: 407279  
Site Specific Name: HALBEISEN TOM INC  
Mailing Address: 835 HAYNES ST  
Mailing City/State/Zip: 48009  
Mailing County: OAKLAND

**34**  
**North**  
**1/4-1/2**  
**0.279 mi.**  
**1471 ft.**

**.07 ACRE PARCEL E FRANK & S OLD WOODWARD**  
**.07 ACRE PARCEL E FRANK & S OLD WOODWARD**  
**OAKLAND (County), MI 48009**

**INVENTORY** **S122251562**  
**BEA** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**764 ft.**

**INVENTORY:**  
Name: .07 ACRE PARCEL E FRANK & S OLD WOODWARD  
Address: .07 ACRE PARCEL E FRANK & S OLD WOODWARD  
City,State,Zip: MI 48009  
Township: Not reported  
District: Warren  
Data Source: Risks Not Determined  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Owens, Paul  
Latitude: 42.5429144  
Longitude: -83.21121035

**BEA:**  
Name: .07 ACRE PARCEL E FRANK & S OLD WOODWARD  
Address: .07 ACRE PARCEL E FRANK & S OLD WOODWARD  
City,State,Zip: MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 01/16/2018  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63500575  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201808018LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2018-01-24 10:04:18  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Warren  
Comments: Not reported  
Organization: 420 E Frank St, LLC  
Contact: Allan R. Longyear  
Contact Type: Submitter Contact

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**35**  
**ENE**  
**1/4-1/2**  
**0.301 mi.**  
**1587 ft.**

**908 SOUTH ADAMS ROAD**  
**908 SOUTH ADAMS ROAD**  
**OAKLAND (County), MI 48009**

**INVENTORY** **S127500711**  
**BEA** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**754 ft.**

**INVENTORY:**  
 Name: 908 SOUTH ADAMS ROAD  
 Address: 908 SOUTH ADAMS ROAD  
 City,State,Zip: MI 48009  
 Township: Birmingham  
 District: Warren  
 Data Source: Risks Not Determined  
 Lust Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Owens, Paul  
 Latitude: NaN  
 Longitude: NaN

**BEA:**  
 Name: 908 SOUTH ADAMS ROAD  
 Address: 908 SOUTH ADAMS ROAD  
 City,State,Zip: MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 08/31/2017  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 63501200  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B201707813LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2017-09-08 12:37:26  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren  
 Comments: BEA Report submitted on CD.  
 Organization: 908 S. Adams, LLC  
 Contact: ATC Group Services, LLC  
 Contact Type: Submitter Contact

**H36**  
**NE**  
**1/4-1/2**  
**0.305 mi.**  
**1610 ft.**

**907 AND 911 HAYNES STREET**  
**907 AND 911 HAYNES STREET**  
**BIRMINGHAM, MI 48009**

**INVENTORY** **S128265835**  
**BEA** **N/A**

**Site 2 of 3 in cluster H**

**Relative:**  
**Higher**  
**Actual:**  
**759 ft.**

**INVENTORY:**  
 Name: 907 AND 911 HAYNES STREET  
 Address: 907 AND 911 HAYNES STREET  
 City,State,Zip: BIRMINGHAM, MI 48009

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**907 AND 911 HAYNES STREET (Continued)**

**S128265835**

Township: Not reported  
 District: Warren  
 Data Source: Risks Not Determined  
 Last Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Owens, Paul  
 Latitude: 42.5425867  
 Longitude: -83.20759491

**H37  
 NE  
 1/4-1/2  
 0.305 mi.  
 1610 ft.**

**907 AND 911 HAYNES STREET  
 907 AND 911 HAYNES STREET  
 OAKLAND (County), MI 48009  
 Site 3 of 3 in cluster H**

**BEA S127500710  
 N/A**

**Relative:  
 Higher  
 Actual:  
 759 ft.**

BEA:  
 Name: 907 AND 911 HAYNES STREET  
 Address: 907 AND 911 HAYNES STREET  
 City,State,Zip: MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 07/23/2014  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 63501199  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B201406073LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2014-07-24 08:20:07  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren  
 Comments: Not reported  
 Organization: Fred Lavery Company  
 Contact: G2 Consulting Group, LLC  
 Contact Type: Submitter Contact

Name: 907 AND 911 HAYNES STREET  
 Address: 907 AND 911 HAYNES STREET  
 City,State,Zip: MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 07/23/2014  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**907 AND 911 HAYNES STREET (Continued)**

**S127500710**

Division Assigned: Not reported  
Location ID: 63501199  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201406074LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2014-07-24 08:27:51  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: Not reported  
Organization: Lavery MI Dealership Properties No.1,LLC  
Contact: G2 Consulting Group, LLC  
Contact Type: Submitter Contact

**I38**  
**East**  
**1/4-1/2**  
**0.319 mi.**  
**1682 ft.**

**BIRMINGHAM CLEANERS**  
**33866 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**BEA S127500849**  
**N/A**

**Site 1 of 2 in cluster I**

**Relative:**  
**Lower**  
**Actual:**  
**751 ft.**

BEA:  
Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 06/17/1997  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00018874  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: P199700363LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: RECORD CENTER - 895142 - BEA172  
Organization: MR. NORMAN SILK  
Contact: DAVID P. SWITZER  
Contact Type: Submitter Contact

Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 07/03/1997  
Submitter Name: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BIRMINGHAM CLEANERS (Continued)**

**S127500849**

Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 00018874  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B199700381LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2004-01-31 07:29:04  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren  
 Comments: RECORD CENTER - 895142 - BEA172  
 Organization: SILK & MORGAN, INC.  
 Contact: DAVID P. SWITZER  
 Contact Type: Submitter Contact

**I39**  
**East**  
**1/4-1/2**  
**0.319 mi.**  
**1682 ft.**

**BIRMINGHAM CLEANERS INC**  
**33866 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**Site 2 of 2 in cluster I**

**LUST 1000299936**  
**UST MID016754004**  
**BROWNFIELDS**  
**RCRA NonGen / NLR**  
**FINDS**  
**ECHO**

**Relative:**  
**Lower**  
**Actual:**  
**751 ft.**

**LUST:**  
 Name: BIRMINGHAM CLEANERS  
 Address: 33866 WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Facility ID: 18874  
 Source: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Owner Contact: Not reported  
 Owner Phone: Not reported  
 Country: Not reported  
 District: Warren  
 Site Name: Birmingham Cleaners 1253  
 Latitude: 42.54023  
 Longitude: -83.20768  
 Date of Collection: Not reported  
 Method of Collection: The geographic coordinate determination method based on address matching-house number.  
 Accuracy: 100  
 Accuracy Value Unit: Not reported  
 Horizontal Data: North American Datum of 1983  
 Point Line Area: Not reported  
 Desc Category: Not reported  
 Regulatory Program: Not reported  
 Risk Condition: Not reported  
 Project Manager: Not reported  
 Senate District: Not reported  
 House District: Not reported  
 US Congressional District: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

1000299936

Leak Number: 21740  
Release Date: 10/28/1993  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 05/17/1994

Leak Number: C-1373-93  
Release Date: 11/03/1993  
Substance Released: Other,Unknown  
Release Status: Closed  
Release Closed Date: 05/17/1994

UST:

Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0914  
Facility Type: CLOSED  
Facility ID: 00018874  
Owner Name: BIRMINGHAM CLEANERS  
Owner Address: 1253 S WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 2486444620  
Contact: STEVE KALBFLEISCH  
Contact Phone: (313) 644-4620  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 4  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Other(#2 FUEL OIL)  
Install Date: 04/10/1950  
Remove Date: 01/01/1960  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54023  
Longitude: -83.20768

Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0914  
Facility Type: CLOSED  
Facility ID: 00018874

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

Owner Name: BIRMINGHAM CLEANERS  
Owner Address: 1253 S WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 2486444620  
Contact: STEVE KALBFLEISCH  
Contact Phone: (313) 644-4620  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Other(FUEL OIL #2)  
Install Date: 04/10/1950  
Remove Date: 01/01/1960  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54023  
Longitude: -83.20768

Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0914  
Facility Type: CLOSED  
Facility ID: 00018874  
Owner Name: BIRMINGHAM CLEANERS  
Owner Address: 1253 S WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 2486444620  
Contact: STEVE KALBFLEISCH  
Contact Phone: (313) 644-4620  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
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

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Hazardous Substance(NAPTHA,6)  
Install Date: 04/11/1979  
Remove Date: 11/23/1993  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54023  
Longitude: -83.20768

Name: BIRMINGHAM CLEANERS  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0914  
Facility Type: CLOSED  
Facility ID: 00018874  
Owner Name: BIRMINGHAM CLEANERS  
Owner Address: 1253 S WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 2486444620  
Contact: STEVE KALBFLEISCH  
Contact Phone: (313) 644-4620  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 600  
Tank Status: Removed from Ground  
Substance: Hazardous Substance(NAPTHA,6)  
Install Date: 04/10/1960  
Remove Date: 11/23/1993  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54023  
Longitude: -83.20768

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

**BROWNFIELDS:**

Name: SILK AND MORGAN, INC.  
Address: 1253 S. WOODWARD  
City,State,Zip: BIRMINGHAM, MI  
Facility ID: 00018874  
Region: 1  
Status: Not reported  
Property Use: Not reported  
BEA: Not reported  
Ernie Id Number: Not reported  
X Coordinate: Not reported  
Y Coordinate: Not reported  
Project Name: Not reported  
Date Year Funded: Not reported  
Total Brownfield Incentives: Not reported  
Approved Amount: Not reported  
Grant Award Amount: Not reported  
Loan Award Amount: Not reported  
Waterfront Award Amount: Not reported  
Brownfield Site Assessment: Not reported  
Development Type: Not reported  
Prior Use: Not reported  
Contaminants: Not reported

**RCRA Listings:**

Date Form Received by Agency: 20011231  
Handler Name: Birmingham Cleaners Inc  
Handler Address: 33866 WOODWARD AVE  
Handler City,State,Zip: BIRMINGHAM, MI 48009  
EPA ID: MID016754004  
Contact Name: S KALBFLEISCH  
Contact Address: 33866 WOODWARD AVE  
Contact City,State,Zip: BIRMINGHAM, MI 48009  
Contact Telephone: 313-644-4620  
Contact Fax: Not reported  
Contact Email: Not reported  
Contact Title: Not reported  
EPA Region: 05  
Land Type: Other  
Federal Waste Generator Description: Not a generator, verified  
Non-Notifier: Not reported  
Biennial Report Cycle: Not reported  
Accessibility: Not reported  
Active Site Indicator: Not reported  
State District Owner: Not reported  
State District: Not reported  
Mailing Address: 33866 WOODWARD AVE  
Mailing City,State,Zip: BIRMINGHAM, MI 48009  
Owner Name: No Active O/Op As Not Generating Waste  
Owner Type: Private  
Operator Name: No Active O/Op As Not Generating Waste  
Operator Type: Private  
Short-Term Generator Activity: No  
Importer Activity: No  
Mixed Waste Generator: No  
Transporter Activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110303
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NO ACTIVE O/OP AS NOT GENERATING WASTE
Legal Status:	Private
Date Became Current:	20020101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator: Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20020101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20020101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20020101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20020101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: NO ACTIVE O/OP AS NOT GENERATING WASTE  
Legal Status: Private  
Date Became Current: 20020101  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

1000299936

Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19981014  
Handler Name: BIRMINGHAM CLEANERS INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20011231  
Handler Name: BIRMINGHAM CLEANERS INC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19860925  
Handler Name: BIRMINGHAM CLEANERS INC  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 11131  
NAICS Description: ORANGE GROVES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110003586432

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIRMINGHAM CLEANERS INC (Continued)**

**1000299936**

Click Here for FRS Facility Detail Report:

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000299936  
Registry ID: 110003586432  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003586432>  
Name: BIRMINGHAM CLEANERS INC  
Address: 33866 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009

**40**  
**NNE**  
**1/4-1/2**  
**0.334 mi.**  
**1766 ft.**

**GOLLING MOTORS, INC.**  
**34500 WOODWARD**  
**BIRMINGHAM, MI 48009**

**INVENTORY** **S111333595**  
**BEA** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**762 ft.**

INVENTORY:

Name: GOLLING MOTORS, INC.  
Address: 34500 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Unassigned, Southeast MI  
Latitude: 42.543448  
Longitude: -83.208957

BEA:

Name: GOLLING MOTORS, INC.  
Address: 34500 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 4941  
District: Southeast MI  
Date Received: 10/05/2011  
Submitter Name: Golling Motors, Inc.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: Not reported  
Determination 20107A: No Request  
Reviewer: berakr  
Division Assigned: RD  
Location ID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GOLLING MOTORS, INC. (Continued)**

**S111333595**

Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

Name: GOLLING MOTORS, INC.  
 Address: 34500 WOODWARD  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 10/05/2011  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 63005949  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B201104941LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2011-10-11 13:14:21  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren

Comments: Records Manager: Box 85 Sent to Lansing for Scanning: 1/7/16 Category A2 REVIEW CONCLUSION: BEA is entirely of previously identified concerns, and further follow up is needed, awaiting resources. Concentrations of ethylbenzene 23,900 ppb and xylenes - 52,900 exceed residential drinking water protection and GSI criteria.  
 Organization: Golling Motors, Inc.  
 Contact: Jennifer Lagerbohm  
 Contact Type: Submitter Contact

**J41**  
**North**  
**1/4-1/2**  
**0.336 mi.**  
**1772 ft.**

**ESTATE MOTORS**  
**464 S WOODWARD AVE**  
**BIRMINGHAM, MI 48011**  
**Site 1 of 3 in cluster J**

**LUST U004181541**  
**UST N/A**

**Relative:**  
**Higher**  
**Actual:**  
**765 ft.**

LUST:  
 Name: ESTATE MOTORS  
 Address: 464 S WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48011  
 Facility ID: 15180  
 Source: 24000  
 Owner Name: & Carter Lumber Co, Moore

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Estate Motors  
Latitude: 42.54391  
Longitude: -83.21199  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on interpolation-map  
Accuracy: 20  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Center of a facility or station  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: 19306  
Release Date: 11/20/1992  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 06/30/1994

Leak Number: 3356  
Release Date: 08/09/1991  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 01/06/1993

Leak Number: C-1669-91  
Release Date: 08/09/1991  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 01/06/1993

Leak Number: C-2071-92  
Release Date: 11/20/1992  
Substance Released: Gasoline  
Release Status: Closed  
Release Closed Date: 06/30/1994

**UST:**

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 9  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/01/1986  
Remove Date: 09/13/1991  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Removed from Ground  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 8  
Capacity: 55  
Tank Status: Removed from Ground

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Substance: Other(HYD. OIL)  
Install Date: 1976-04-04 00:00:00  
Remove Date: 1990-08-02 00:00:00  
Tank Number: UTK-076432-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Facility Type: Currently In Use  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 7  
Capacity: 55  
Tank Status: Currently In Use  
Substance: Other(HYD. OIL)  
Install Date: 1976-04-04 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-016735-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Facility Type: Currently In Use  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 6  
Capacity: 55  
Tank Status: Currently In Use  
Substance: Other(HYD. OIL)  
Install Date: 1976-04-04 00:00:00  
Remove Date: Not reported  
Tank Number: UTK-038362-15  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Galvanized Steel  
Piping Type: Not reported  
Tank Construction: Asphalt Coated or Bare Steel  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	5
Capacity:	3000
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	04/05/1971
Remove Date:	09/13/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	ESTATE MOTORS
Address:	464 S WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00015180
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	4
Capacity:	10000
Tank Status:	Removed from Ground
Substance:	Diesel
Install Date:	04/05/1975
Remove Date:	09/13/1991
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Latitude:	Not reported
Longitude:	Not reported
Name:	ESTATE MOTORS
Address:	464 S WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00015180
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	3
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Used Oil
Install Date:	04/04/1974
Remove Date:	05/01/1986
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	ESTATE MOTORS
Address:	464 S WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00015180
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	2000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/04/1974
Remove Date:	05/01/1986
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Name:	ESTATE MOTORS
Address:	464 S WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48011
Facility Type:	CLOSED
Facility ID:	00015180
Owner Name:	OWNER ADDRESS UNKNOWN
Owner Address:	NOT RECORDED
Owner City:	NOT RECORDED
Owner State:	XX
Owner Zip:	99999
Owner Contact:	Not reported
Owner Phone:	Not reported
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	13
Capacity:	1000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	Not reported
Remove Date:	01/01/1992
Tank Number:	Not reported
Tank Details Compartments:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00015180  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 12  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 01/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

[Click this hyperlink](#) while viewing on your computer to access  
3 additional MI\_UST: record(s) in the EDR Site Report.

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48011  
Facility Type: CLOSED  
Facility ID: 00015180

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: NOT RECORDED  
Owner City: NOT RECORDED  
Owner State: XX  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 11  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: Not reported  
Remove Date: 01/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

**UST 2:**

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-011057-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-013217-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-016735-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Currently In Use  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Phone: Not reported  
Record ID: UTK-022981-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-030692-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-038362-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Currently In Use  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076407-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076411-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076416-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076432-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086608-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086611-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086615-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Removed from Ground  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-016735-15  
Facility Status: Inactive  
Tank ID: 7  
Tank Status: Currently In Use  
Tank Capacity: 55  
Tank Content: Other(HYD. OIL)  
Install Date: 04/04/1976  
Removal Date: Not reported  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-038362-15  
Facility Status: Inactive  
Tank ID: 6  
Tank Status: Currently In Use  
Tank Capacity: 55  
Tank Content: Other(HYD. OIL)  
Install Date: 04/04/1976  
Removal Date: Not reported  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086611-15  
Facility Status: Inactive  
Tank ID: 11  
Tank Status: Removed from Ground  
Tank Capacity: 1000  
Tank Content: Gasoline  
Install Date: Not reported  
Removal Date: 01/01/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Bare Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel,Other

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-022981-15  
Facility Status: Inactive  
Tank ID: 9  
Tank Status: Removed from Ground  
Tank Capacity: 6000  
Tank Content: Gasoline  
Install Date: 05/01/1986  
Removal Date: 09/13/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086615-15  
Facility Status: Inactive  
Tank ID: 13  
Tank Status: Removed from Ground  
Tank Capacity: 1000  
Tank Content: Gasoline  
Install Date: Not reported  
Removal Date: 01/01/1992  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Bare Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel,Other

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076432-15  
Facility Status: Inactive  
Tank ID: 8  
Tank Status: Removed from Ground  
Tank Capacity: 55  
Tank Content: Other(HYD. OIL)  
Install Date: 04/04/1976  
Removal Date: 08/02/1990  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-086608-15  
Facility Status: Inactive  
Tank ID: 10  
Tank Status: Removed from Ground  
Tank Capacity: 1000  
Tank Content: Gasoline  
Install Date: Not reported  
Removal Date: 01/01/1992  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Bare Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel,Other

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-011057-15  
Facility Status: Inactive  
Tank ID: 12  
Tank Status: Removed from Ground  
Tank Capacity: 1000  
Tank Content: Gasoline  
Install Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Removal Date: 01/01/1992  
Tank Release Detect: Not reported  
Pipe Release Detect: Other  
Tank Piping Material: Bare Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel,Other

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-013217-15  
Facility Status: Inactive  
Tank ID: 5  
Tank Status: Removed from Ground  
Tank Capacity: 3000  
Tank Content: Used Oil  
Install Date: 04/05/1971  
Removal Date: 09/13/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-030692-15  
Facility Status: Inactive  
Tank ID: 4  
Tank Status: Removed from Ground  
Tank Capacity: 10000  
Tank Content: Diesel  
Install Date: 04/05/1975  
Removal Date: 09/13/1991  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076407-15  
Facility Status: Inactive  
Tank ID: 1  
Tank Status: Removed from Ground  
Tank Capacity: 2000  
Tank Content: Gasoline  
Install Date: 04/04/1974  
Removal Date: 05/01/1986  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076411-15  
Facility Status: Inactive  
Tank ID: 2  
Tank Status: Removed from Ground  
Tank Capacity: 2000  
Tank Content: Gasoline  
Install Date: 04/04/1974  
Removal Date: 05/01/1986  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Galvanized Steel  
Tank Constr. Material: Asphalt Coated or Bare Steel

Name: ESTATE MOTORS  
Address: 464 S WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48011  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not Recorded  
Owner State: XX  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-076416-15  
Facility Status: Inactive  
Tank ID: 3  
Tank Status: Removed from Ground  
Tank Capacity: 2000  
Tank Content: Used Oil

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ESTATE MOTORS (Continued)**

**U004181541**

Install Date: 04/04/1974  
 Removal Date: 05/01/1986  
 Tank Release Detect: Not reported  
 Pipe Release Detect: Not reported  
 Tank Piping Material: Galvanized Steel  
 Tank Constr. Material: Asphalt Coated or Bare Steel

**J42**  
**North**  
**1/4-1/2**  
**0.351 mi.**  
**1851 ft.**

**GREEN'S ART SUPPLY**  
**400 SOUTH OLD WOODWARD AVENUE**  
**BIRMINGHAM, MI 48009**

**US BROWNFIELDS**

**1016603767**

**N/A**

**Site 2 of 3 in cluster J**

**Relative:**  
**Higher**

US BROWNFIELDS:

**Actual:**  
**766 ft.**

Name: GREEN'S ART SUPPLY  
 Address: 400 SOUTH OLD WOODWARD AVENUE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Recipient Name: Oakland County Michigan  
 Grant Type: Assessment  
 Property Number: 19-36-205-042  
 Parcel size: 0.58  
 Latitude: 42.543816  
 Longitude: -83.21211  
 HCM Label: Address Matching-House Number  
 Map Scale: -  
 Point of Reference: Entrance Point of a Facility or Station  
 Highlights: Planned mixed use development consisting of commercial retail, office, and residential condominiums Former Use: Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was converted into a parking lot. The northern and central portions of the property were occupied by Sternal s Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between 1963 and 1967 to include the current layout. The property has been occupied by Green s Art Supply since 1958.

Datum: North American Datum of 1983  
 Acres Property ID: 170095  
 IC Data Access: -  
 Start Date: -  
 Redev Completion Date: -  
 Completed Date: -  
 Acres Cleaned Up: -  
 Cleanup Funding: -  
 Cleanup Funding Source: -  
 Assessment Funding: -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	00E01208
Start Date:	-
Ownership Entity:	-
Completion Date:	-
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Surface water cleaned: -  
 VOCs found: Y  
 VOCs cleaned: -  
 Cleanup other description: -  
 Num. of cleanup and re-dev. jobs: -  
 Past use greenspace acreage: -  
 Past use residential acreage: -  
 Surface Water: -  
 Past use commercial acreage: 0.58  
 Past use industrial acreage: -  
 Future use greenspace acreage: -  
 Future use residential acreage: -  
 Future use commercial acreage: -  
 Future use industrial acreage: -  
 Superfund Fed. landowner flag: -  
 Arsenic cleaned up: -  
 Cadmium cleaned up: -  
 Chromium cleaned up: -  
 Copper cleaned up: -  
 Iron cleaned up: -  
 mercury cleaned up: -  
 Nickel Cleaned Up: -  
 No clean up: -  
 Pesticides cleaned up: -  
 Selenium cleaned up: -  
 SVOCs cleaned up: -  
 Unknown clean up: -  
 Arsenic contaminant found: -  
 Cadmium contaminant found: -  
 Chromium contaminant found: -  
 Copper contaminant found: -  
 Iron contaminant found: -  
 Mercury contaminant found: -  
 Nickel contaminant found: -  
 No contaminant found: -  
 Pesticides contaminant found: -  
 Selenium contaminant found: -  
 SVOCs contaminant found: -  
 Unknown contaminant found: -  
 Future Use: Multistory 0  
 Media affected Bluiding Material: -  
 Media affected indoor air: -  
 Building material media cleaned up: -  
 Indoor air media cleaned up: -  
 Unknown media cleaned up: -  
 Past Use: Multistory -  
 Property Description:

Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

converted into a parking lot. The northern and central portions of the property were occupied by Sternal s Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between 1963 and 1967 to include the current layout. The property has been occupied by Green s Art Supply since 1958.

Below Poverty Number: 103  
Below Poverty Percent: 2.74  
Median Income: 7180  
Median Income Number: 282  
Median Income Percent: 7.5  
Vacant Housing Number: 191  
Vacant Housing Percent: 9.26  
Unemployed Number: 90  
Unemployed Percent: 2.39

Name: GREEN'S ART SUPPLY  
Address: 400 SOUTH OLD WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Recipient Name: Oakland County Michigan  
Grant Type: Assessment  
Property Number: 19-36-205-042  
Parcel size: 0.58  
Latitude: 42.543816  
Longitude: -83.21211  
HCM Label: Address Matching-House Number  
Map Scale: -  
Point of Reference: Entrance Point of a Facility or Station  
Highlights: Planned mixed use development consisting of commercial retail, office, and residential condominiums Former Use: Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was converted into a parking lot. The northern and central portions of the property were occupied by Sternal s Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between 1963 and 1967 to include the current layout. The property has been occupied by Green s Art Supply since 1958.

Datum: North American Datum of 1983  
Acres Property ID: 170095  
IC Data Access: -  
Start Date: -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Redev Completion Date: -  
Completed Date: -  
Acres Cleaned Up: -  
Cleanup Funding: -  
Cleanup Funding Source: -  
Assessment Funding: 9900  
Assessment Funding Source: EPA  
Redevelopment Funding: -  
Redev. Funding Source: -  
Redev. Funding Entity Name: -  
Redevelopment Start Date: -  
Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement  
Cleanup Funding Entity: -  
Grant Type: Petroleum  
Accomplishment Type: Phase II Environmental Assessment  
Accomplishment Count: N  
Cooperative Agreement Number: 00E01208  
Start Date: 12/20/2013  
Ownership Entity: -  
Completion Date: 2/7/2014  
Current Owner: -  
Did Owner Change: -  
Cleanup Required: N  
Video Available: N  
Photo Available: Y  
Institutional Controls Required: N  
IC Category Proprietary Controls: -  
IC Cat. Info. Devices: -  
IC Cat. Gov. Controls: -  
IC Cat. Enforcement Permit Tools: -  
IC in place date: -  
IC in place: N  
State/tribal program date: -  
State/tribal program ID: -  
State/tribal NFA date: -  
Air cleaned: -  
Asbestos found: -  
Asbestos cleaned: -  
Controlled substance found: -  
Controlled substance cleaned: -  
Drinking water affected: -  
Drinking water cleaned: -  
Groundwater affected: -  
Groundwater cleaned: -  
Lead contaminant found: Y  
Lead cleaned up: -  
No media affected: -  
Unknown media affected: -  
Other cleaned up: -  
Other metals found: -  
Other metals cleaned: -  
Other contaminants found: -  
Other contams found description: -  
PAHs found: -  
PAHs cleaned up: -  
PCBs found: -  
PCBs cleaned up: -

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Petro products found: -  
 Petro products cleaned: -  
 Sediments found: -  
 Sediments cleaned: -  
 Soil affected: Y  
 Soil cleaned up: -  
 Surface water cleaned: -  
 VOCs found: Y  
 VOCs cleaned: -  
 Cleanup other description: -  
 Num. of cleanup and re-dev. jobs: -  
 Past use greenspace acreage: -  
 Past use residential acreage: -  
 Surface Water: -  
 Past use commercial acreage: 0.58  
 Past use industrial acreage: -  
 Future use greenspace acreage: -  
 Future use residential acreage: -  
 Future use commercial acreage: -  
 Future use industrial acreage: -  
 Superfund Fed. landowner flag: -  
 Arsenic cleaned up: -  
 Cadmium cleaned up: -  
 Chromium cleaned up: -  
 Copper cleaned up: -  
 Iron cleaned up: -  
 mercury cleaned up: -  
 Nickel Cleaned Up: -  
 No clean up: -  
 Pesticides cleaned up: -  
 Selenium cleaned up: -  
 SVOCs cleaned up: -  
 Unknown clean up: -  
 Arsenic contaminant found: -  
 Cadmium contaminant found: -  
 Chromium contaminant found: -  
 Copper contaminant found: -  
 Iron contaminant found: -  
 Mercury contaminant found: -  
 Nickel contaminant found: -  
 No contaminant found: -  
 Pesticides contaminant found: -  
 Selenium contaminant found: -  
 SVOCs contaminant found: -  
 Unknown contaminant found: -  
 Future Use: Multistory 0  
 Media affected Bluiding Material: -  
 Media affected indoor air: -  
 Building material media cleaned up: -  
 Indoor air media cleaned up: -  
 Unknown media cleaned up: -  
 Past Use: Multistory -  
 Property Description:

Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company



MAP FINDINGS

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was converted into a parking lot. The northern and central portions of the property were occupied by Sternal s Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between 1963 and 1967 to include the current layout. The property has been occupied by Green s Art Supply since 1958.

Below Poverty Number: 103  
 Below Poverty Percent: 2.74  
 Median Income: 7180  
 Median Income Number: 282  
 Median Income Percent: 7.5  
 Vacant Housing Number: 191  
 Vacant Housing Percent: 9.26  
 Unemployed Number: 90  
 Unemployed Percent: 2.39

Name: GREEN'S ART SUPPLY  
 Address: 400 SOUTH OLD WOODWARD AVENUE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Recipient Name: Oakland County Michigan  
 Grant Type: Assessment  
 Property Number: 19-36-205-042  
 Parcel size: 0.58  
 Latitude: 42.543816  
 Longitude: -83.21211  
 HCM Label: Address Matching-House Number  
 Map Scale: -  
 Point of Reference: Entrance Point of a Facility or Station  
 Highlights: Planned mixed use development consisting of commercial retail, office, and residential condominiums Former Use: Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was converted into a parking lot. The northern and central portions of the property were occupied by Sternal s Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

1963 and 1967 to include the current layout. The property has been occupied by Green s Art Supply since 1958.

Datum: North American Datum of 1983

Acres Property ID: 170095

IC Data Access: -

Start Date: -

Redev Completion Date: -

Completed Date: -

Acres Cleaned Up: -

Cleanup Funding: -

Cleanup Funding Source: -

Assessment Funding: 1200

Assessment Funding Source: EPA

Redevelopment Funding: -

Redev. Funding Source: -

Redev. Funding Entity Name: -

Redevelopment Start Date: -

Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement

Cleanup Funding Entity: -

Grant Type: Petroleum

Accomplishment Type: Phase I Environmental Assessment

Accomplishment Count: Y

Cooperative Agreement Number: 00E01208

Start Date: 12/20/2013

Ownership Entity: -

Completion Date: 2/7/2014

Current Owner: -

Did Owner Change: -

Cleanup Required: N

Video Available: N

Photo Available: Y

Institutional Controls Required: N

IC Category Proprietary Controls: -

IC Cat. Info. Devices: -

IC Cat. Gov. Controls: -

IC Cat. Enforcement Permit Tools: -

IC in place date: -

IC in place: N

State/tribal program date: -

State/tribal program ID: -

State/tribal NFA date: -

Air cleaned: -

Asbestos found: -

Asbestos cleaned: -

Controlled substance found: -

Controlled substance cleaned: -

Drinking water affected: -

Drinking water cleaned: -

Groundwater affected: -

Groundwater cleaned: -

Lead contaminant found: Y

Lead cleaned up: -

No media affected: -

Unknown media affected: -

Other cleaned up: -

Other metals found: -

Other metals cleaned: -

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.58
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	0
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GREEN'S ART SUPPLY (Continued)**

**1016603767**

Past Use: Multistory  
 Property Description:

-  
 Original development of the subject property occurred prior to 1921 with four residential dwellings. The former northern dwelling was converted into a vulcanizing operation between 1921 and 1926, which operated at the property until the structure was demolished in 1930. The eastern dwelling was redeveloped as a plumbing supply company between 1921 and 1926, which operated (and included several additions) until the early 1950s when the building was demolished. The central dwelling was demolished in 1930, and the northern and central portions of the subject property were redeveloped with a gasoline filling station and automotive service garage in late 1930. The former western dwelling was demolished between 1931 and 1940, and the area was converted into a parking lot. The northern and central portions of the property were occupied by Sternal's Auto Supply/Service until 1957 and Standard Oil Company in at least 1945. The southern warehouse portion of the current building was constructed between 1949 and 1952, and was historically utilized as offices for an Edsel automotive dealership until approximately 1957. The building was redeveloped for retail use in 1958 and the northern portion of the building was expanded between 1963 and 1967 to include the current layout. The property has been occupied by Green's Art Supply since 1958.

Below Poverty Number: 103  
 Below Poverty Percent: 2.74  
 Median Income: 7180  
 Median Income Number: 282  
 Median Income Percent: 7.5  
 Vacant Housing Number: 191  
 Vacant Housing Percent: 9.26  
 Unemployed Number: 90  
 Unemployed Percent: 2.39

**J43**  
**North**  
**1/4-1/2**  
**0.351 mi.**  
**1851 ft.**

**400 SOUTH OLD WOODWARD**  
**400 SOUTH OLD WOODWARD**  
**OAKLAND (County), MI 48009**

**INVENTORY** **S127499865**  
**BEA** **N/A**

**Site 3 of 3 in cluster J**

**Relative:**  
**Higher**

**INVENTORY:**  
 Name: 400 SOUTH OLD WOODWARD  
 Address: 400 SOUTH OLD WOODWARD  
 City,State,Zip: MI 48009  
 Township: Birmingham  
 District: Warren  
 Data Source: Risks Not Determined  
 Last Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Owens, Paul  
 Latitude: 42.5442  
 Longitude: -83.2119

**Actual:**  
**766 ft.**

**BEA:**

Name: 400 SOUTH OLD WOODWARD  
 Address: 400 SOUTH OLD WOODWARD  
 City,State,Zip: MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**400 SOUTH OLD WOODWARD (Continued)**

**S127499865**

District: Not reported  
 Date Received: 07/16/2014  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 63500998  
 Submittal Type: Baseline Environmental Assessment  
 Submittal Number: B201406069LV  
 Approval Status: RRD Received  
 Workflow Status: Submitted  
 Date Submitted: 2014-07-16 17:18:53  
 Date Completed: Not reported  
 Township: Birmingham  
 Work Unit: Warren  
 Comments: Not reported  
 Organization: 400 S. Old Woodward LLC  
 Contact: PM Environmental, Inc.  
 Contact Type: Submitter Contact

**K44**  
**ESE**  
 1/4-1/2  
 0.362 mi.  
 1910 ft.

**DRY CLEANER PROPERTY**  
**33633 WOODWARD AVENUE**  
**BIRMINGHAM, MI 48009**  
 Site 1 of 2 in cluster K

**BEA** **S104912664**  
**DRYCLEANERS** **N/A**  
**WDS**

**Relative:**  
**Lower**  
**Actual:**  
**751 ft.**

**BEA:**  
 Name: DRY CLEANER PROPERTY  
 Address: 33633 WOODWARD AVENUE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Secondary Address: Not reported  
 BEA Number: 4118  
 District: Southeast MI  
 Date Received: 02/11/2009  
 Submitter Name: 33633 Woodward, LLC  
 Petition Determination: No Request  
 Petition Disclosure: 0  
 Category: D  
 Determination 20107A: No Request  
 Reviewer: barrowsg  
 Division Assigned: RRD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DRY CLEANER PROPERTY (Continued)**

**S104912664**

Name: DRY CLEANER PROPERTY  
Address: 33633 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 4119  
District: Southeast MI  
Date Received: 02/11/2009  
Submitter Name: Certified Restoration Drycleaning  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: D  
Determination 20107A: No Request  
Reviewer: barrowsg  
Division Assigned: RRD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

Name: DRY CLEANER PROPERTY  
Address: 33633 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 4120  
District: Southeast MI  
Date Received: 02/11/2009  
Submitter Name: Huntington Cleaners & Shirt Laundry  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: D  
Determination 20107A: No Request  
Reviewer: barrowsg  
Division Assigned: RRD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

Name: CIH REAL ESTATE HOLDINGS, L.L.C.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DRY CLEANER PROPERTY (Continued)**

**S104912664**

Address: 33633 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 1360  
District: Southeast MI  
Date Received: 04/05/2001  
Submitter Name: CIH REAL ESTATE HOLDINGS, L.L.C.  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: S  
Determination 20107A: Affirmed  
Reviewer: barrowsg  
Division Assigned: ERD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

**DRYCLEANERS:**

Name: WESCH CLEANERS, INC.  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI  
fadd2: Not reported  
Facility Status: Open  
Establishment#: 6300151  
DCM #: 2  
DCM Type: Petro  
Total lb: 130  
Inspector: joejaskowski  
Last Insp Date: 06/02/2022

**WDS:**

Name: 33633 WOODWARD LLC  
Address: 33633 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Site Id: MID028318731  
WMD Id: 395309  
Site Specific Name: WESCH CLEANERS INC  
Mailing Address: 33633 WOODWARD AVE  
Mailing City/State/Zip: 48009  
Mailing County: OAKLAND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)  
EDR ID Number  
EPA ID Number

**K45** 33633 WOODWARD  
**ESE** 33633 WOODWARD  
**1/4-1/2** BIRMINGHAM, MI 48009  
**0.362 mi.**  
**1910 ft.** Site 2 of 2 in cluster K

**INVENTORY** S114029039  
**BEA** N/A

**Relative:**  
**Lower**  
**Actual:**  
**751 ft.**

**INVENTORY:**  
Name: 33633 WOODWARD  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Unassigned, Southeast MI  
Latitude: 42.536251  
Longitude: -83.204444

**BEA:**  
Name: 33633 WOODWARD  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 04/05/2001  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63005656  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: P200101360LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2004-01-31 07:29:04  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: RECORDS CENTER 894984 - BEA14  
Organization: CIH REAL ESTATE HOLDINGS, L.L.C.  
Contact: LOUIS F. STULTZ  
Contact Type: Submitter Contact

Name: 33633 WOODWARD  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 02/11/2009  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**33633 WOODWARD (Continued)**

**S114029039**

Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63005656  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B200904118LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2009-02-12 10:54:07  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: BEA originally received on 2/5 with deficiencies. Notified consultant on 2/5/09. Submitted revised documents on 2/11/09. PS Records Manager: Box 239, To Lansing on 7/1/16  
Organization: 33633 Woodward, LLC  
Contact: Beth Bailey  
Contact Type: Submitter Contact  
Name: 33633 WOODWARD  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 02/11/2009  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63005656  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B200904120LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2009-02-12 11:09:14  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: BEA originally received on 2/5/09 with deficiencies. Notified consultant on 2/5/09. Received revised documents on 2/11/09. PS Records Manager: Box 240, To Lansing on 7/1/16  
Organization: Huntington Cleaners & Shirt Laundry  
Contact: Beth Bailey  
Contact Type: Submitter Contact  
Name: 33633 WOODWARD  
Address: 33633 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 02/11/2009

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33633 WOODWARD (Continued)**

**S114029039**

Submitter Name:	Not reported
Petition Determination:	Not reported
Petition Disclosure:	Not reported
Category:	Not reported
Determination 20107A:	Not reported
Reviewer:	Not reported
Division Assigned:	Not reported
Location ID:	63005656
Submittal Type:	Baseline Environmental Assessment
Submittal Number:	B200904119LV
Approval Status:	RRD Received
Workflow Status:	Submitted
Date Submitted:	2009-02-12 11:01:58
Date Completed:	Not reported
Township:	Birmingham
Work Unit:	Warren
Comments:	BEA originally received on 2/5/09 with deficiencies. Notified consultant on 2/5/09. Received revised documents on 2/11/09. PS Records Manager: Box 240, To Lansing on 7/1/16
Organization:	Certified Restoration Drycleaning
Contact:	Beth Bailey
Contact Type:	Submitter Contact

**46**  
**NE**  
**1/4-1/2**  
**0.364 mi.**  
**1922 ft.**

**THE PLANT STATION**  
**720 S ADAMS RD**  
**BIRMINGHAM, MI 48009**

**LUST U003324173**  
**UST N/A**

**Relative:**  
**Lower**  
**Actual:**  
**756 ft.**

**LUST:**

Name:	THE PLANT STATION
Address:	720 S ADAMS RD
City,State,Zip:	BIRMINGHAM, MI 48009
Facility ID:	18613
Source:	Not reported
Owner Name:	W Tucker, Gary
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Owner Contact:	Not reported
Owner Phone:	Not reported
Country:	Not reported
District:	Warren
Site Name:	The Plant Station
Latitude:	42.54215
Longitude:	-83.20557
Date of Collection:	Not reported
Method of Collection:	The geographic coordinate determination method based on address matching-house number.
Accuracy:	100
Accuracy Value Unit:	Not reported
Horizontal Data:	North American Datum of 1983
Point Line Area:	Not reported
Desc Category:	Not reported
Regulatory Program:	Not reported
Risk Condition:	Not reported
Project Manager:	Not reported
Senate District:	Not reported
House District:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE PLANT STATION (Continued)**

**U003324173**

US Congressional District: Not reported

Leak Number: 28385  
Release Date: 09/30/1997  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 11/24/1998

Leak Number: C-0922-97  
Release Date: 10/13/1997  
Substance Released: Gasoline,Unknown  
Release Status: Closed  
Release Closed Date: 11/24/1998

UST:

Name: THE PLANT STATION  
Address: 720 S ADAMS RD  
City,State,Zip: BIRMINGHAM 48009-6930  
Facility Type: CLOSED  
Facility ID: 00018613  
Owner Name: LYNN E. ARFT  
Owner Address: 720 ADAMS  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 3136428900  
Contact: LYNN E. ARFT  
Contact Phone: (313) 642-8900  
Date of Collection: 10/05/2004  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 4  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/11/1969  
Remove Date: 07/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54215  
Longitude: -83.20557

Name: THE PLANT STATION  
Address: 720 S ADAMS RD  
City,State,Zip: BIRMINGHAM 48009-6930

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE PLANT STATION (Continued)**

**U003324173**

Facility Type: CLOSED  
Facility ID: 00018613  
Owner Name: LYNN E. ARFT  
Owner Address: 720 ADAMS  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 3136428900  
Contact: LYNN E. ARFT  
Contact Phone: (313) 642-8900  
Date of Collection: 10/05/2004  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/11/1958  
Remove Date: 07/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54215  
Longitude: -83.20557

Name: THE PLANT STATION  
Address: 720 S ADAMS RD  
City,State,Zip: BIRMINGHAM 48009-6930  
Facility Type: CLOSED  
Facility ID: 00018613  
Owner Name: LYNN E. ARFT  
Owner Address: 720 ADAMS  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 3136428900  
Contact: LYNN E. ARFT  
Contact Phone: (313) 642-8900  
Date of Collection: 10/05/2004  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE PLANT STATION (Continued)**

**U003324173**

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/11/1958  
Remove Date: 07/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54215  
Longitude: -83.20557

Name: THE PLANT STATION  
Address: 720 S ADAMS RD  
City,State,Zip: BIRMINGHAM 48009-6930  
Facility Type: CLOSED  
Facility ID: 00018613  
Owner Name: LYNN E. ARFT  
Owner Address: 720 ADAMS  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: 3136428900  
Contact: LYNN E. ARFT  
Contact Phone: (313) 642-8900  
Date of Collection: 10/05/2004  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 4000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/11/1985  
Remove Date: 07/01/1987  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**THE PLANT STATION (Continued)**

**U003324173**

Latitude: 42.54215  
 Longitude: -83.20557

**47  
 NNW  
 1/4-1/2  
 0.364 mi.  
 1923 ft.**

**BROWN STREET OFFICE BUILDING  
 200 EAST BROWN  
 BIRMINGHAM, MI**

**BEA S109094147  
 N/A**

**Relative:  
 Higher  
 Actual:  
 769 ft.**

BEA:  
 Name: BROWN STREET OFFICE BUILDING  
 Address: 200 EAST BROWN  
 City,State,Zip: BIRMINGHAM, MI  
 Secondary Address: Not reported  
 BEA Number: 3891  
 District: Southeast MI  
 Date Received: 05/02/2008  
 Submitter Name: SMS & Associates, LLC  
 Petition Determination: Affirmed  
 Petition Disclosure: 1  
 Category: N  
 Determination 20107A: No Request  
 Reviewer: tiernang  
 Division Assigned: RRD  
 Location ID: Not reported  
 Submittal Type: Not reported  
 Submittal Number: Not reported  
 Approval Status: Not reported  
 Workflow Status: Not reported  
 Date Submitted: Not reported  
 Date Completed: Not reported  
 Township: Not reported  
 Work Unit: Not reported  
 Comments: Not reported  
 Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**L48  
 North  
 1/4-1/2  
 0.372 mi.  
 1966 ft.**

**WOODWARD DEVELOPMENT, LLC  
 394 S OLD WOODWARD AVE  
 BIRMINGHAM, MI 48009**

**INVENTORY S128641822  
 N/A**

**Site 1 of 3 in cluster L**

**Relative:  
 Higher  
 Actual:  
 767 ft.**

INVENTORY:  
 Name: WOODWARD DEVELOPMENT, LLC  
 Address: 394 S OLD WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Township: Not reported  
 District: Warren  
 Data Source: Risks Not Determined  
 Lust Name: Woodward Development, LLC  
 Regulatory Program: 213  
 Release Status: Open  
 Project Manager: Alger, Brandon  
 Latitude: 42.54422686

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODWARD DEVELOPMENT, LLC (Continued)**

**S128641822**

Longitude: -83.21226956

**L49**  
**North**  
**1/4-1/2**  
**0.372 mi.**  
**1966 ft.**

**WOODWARD DEVELOPMENT, LLC**  
**394 S OLD WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**LUST U004362489**  
**UST N/A**

**Site 2 of 3 in cluster L**

**Relative:**  
**Higher**  
**Actual:**  
**767 ft.**

**LUST:**  
Name: WOODWARD DEVELOPMENT, LLC  
Address: 394 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 10000512  
Source: 24000  
Owner Name: Banas, Joe  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: 269-569-1527  
Country: Not reported  
District: Warren  
Site Name: Woodward Development, LLC  
Latitude: 42.54422  
Longitude: -83.21226  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on interpolation-map  
Accuracy: 20  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Center of a facility or station  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 34255  
Release Date: 01/05/2022  
Substance Released: Unknown  
Release Status: Open  
Release Closed Date: Not reported

**UST:**  
Name: WOODWARD DEVELOPMENT, LLC  
Address: 394 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility Type: Not reported  
Facility ID: 10000512  
Owner Name: Not reported  
Owner Address: 15 KOCH RD.  
Owner City: CORTE MADERA  
Owner State: CA  
Owner Zip: 94925  
Owner Contact: Not reported  
Owner Phone: 3179030277

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODWARD DEVELOPMENT, LLC (Continued)**

**U004362489**

Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: Not reported  
Capacity: 0  
Tank Status: Non-Registered Tank  
Substance: Unknown  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: UTK-000020-22  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: WOODWARD DEVELOPMENT, LLC  
Address: 394 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility Type: Not reported  
Facility ID: 10000512  
Owner Name: Not reported  
Owner Address: 15 KOCH RD.  
Owner City: CORTE MADERA  
Owner State: CA  
Owner Zip: 94925  
Owner Contact: Not reported  
Owner Phone: 3179030277  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: Not reported  
Capacity: 0  
Tank Status: Non-Registered Tank  
Substance: Unknown  
Install Date: Not reported  
Remove Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODWARD DEVELOPMENT, LLC (Continued)**

**U004362489**

Tank Number: UTK-000020-22  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: WOODWARD DEVELOPMENT, LLC  
Address: 394 S OLD WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility Type: Not reported  
Facility ID: 10000512  
Owner Name: Not reported  
Owner Address: 15 KOCH RD.  
Owner City: CORTE MADERA  
Owner State: CA  
Owner Zip: 94925  
Owner Contact: Not reported  
Owner Phone: 3179030277  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: Not reported  
Capacity: 0  
Tank Status: Non-Registered Tank  
Substance: Unknown  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: UTK-000020-22  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**L50**  
**North**  
**1/4-1/2**  
**0.388 mi.**  
**2050 ft.**

**300 - 394 SOUTH OLD WOODWARD AVENUE & 294 BROWN ST**  
**300 - 394 SOUTH OLD WOODWARD AVENUE &, 294 BROWN STREET**  
**BIRMINGHAM, MI 48009**

**INVENTORY** **S128266974**  
**BEA** **N/A**

**Site 3 of 3 in cluster L**

**Relative:**  
**Higher**  
**Actual:**  
**768 ft.**

**INVENTORY:**  
 Name: 300 - 394 SOUTH OLD WOODWARD AVENUE & 294 BROWN STREET  
 Address: 300 - 394 SOUTH OLD WOODWARD AVENUE &, 294 BROWN STREET  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Township: Not reported  
 District: Warren  
 Data Source: Risks Not Determined  
 Lust Name: Not reported  
 Regulatory Program: 201  
 Release Status: Not reported  
 Project Manager: Alger, Brandon  
 Latitude: 42.54465982  
 Longitude: -83.2120546

**BEA:**

Name: 300 - 394 SOUTH OLD WOODWARD AVENUE & 294 BROWN STREET  
 Address: 300 - 394 SOUTH OLD WOODWARD AVENUE &, 294 BROWN STREET  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Secondary Address: Not reported  
 BEA Number: Not reported  
 District: Not reported  
 Date Received: 11/16/2021  
 Submitter Name: Not reported  
 Petition Determination: Not reported  
 Petition Disclosure: Not reported  
 Category: Not reported  
 Determination 20107A: Not reported  
 Reviewer: Not reported  
 Division Assigned: Not reported  
 Location ID: 63501436  
 Submittal Type: BEA  
 Submittal Number: 63501436-BEA-1  
 Approval Status: In Review  
 Workflow Status: Submitted  
 Date Submitted: Not reported  
 Date Completed: 00:00.0  
 Township: Not reported  
 Work Unit: Warren  
 Comments: Not reported  
 Organization: Woodward Development LLC  
 Contact: Not reported  
 Contact Type: Owner/Operator

**51**  
**NE**  
**1/4-1/2**  
**0.414 mi.**  
**2184 ft.**

**PERRY DRUG STORES INC**  
**597 S ADAMS RD**  
**BIRMINGHAM, MI 48009**

**INVENTORY** **S112452279**  
**BEA** **N/A**  
**WDS**

**Relative:**  
**Lower**  
**Actual:**  
**757 ft.**

**INVENTORY:**  
 Name: 597-725 SOUTH ADAMS ROAD  
 Address: 597 SOUTH ADAMS ROAD  
 City,State,Zip: BIRMINGHAM, MI 48009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERRY DRUG STORES INC (Continued)**

**S112452279**

Township: Not reported  
District: Warren  
Data Source: Risks Not Determined  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Golla, Terri  
Latitude: 42.54284541  
Longitude: -83.20395661

**BEA:**

Name: 597-725 SOUTH ADAMS ROAD  
Address: 597 SOUTH ADAMS ROAD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 04/13/2020  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63501342  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: 63501342-BEA-1  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2020-05-06 11:56:02  
Date Completed: 1/17/2020  
Township: Not reported  
Work Unit: Warren  
Comments: Not reported  
Organization: South Adams Shopping Center Owner LLC  
Contact: Herbert, Franz  
Contact Type: Prospective Owner/Operator

**WDS:**

Name: PERRY DRUG STORES INC  
Address: 597 S ADAMS RD  
City,State,Zip: BIRMINGHAM, MI 48009  
Site Id: MIK196218299  
WMD Id: 491808  
Site Specific Name: RITE AID #4303  
Mailing Address: PO BOX 3165  
Mailing City/State/Zip: 17105  
Mailing County: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**M52**      **CARMAN TILLARD**  
**NNE**      **910 N HUNTER BLVD**  
**1/4-1/2**    **BIRMINGHAM, MI 48009**  
**0.418 mi.**  
**2206 ft.**    **Site 1 of 4 in cluster M**

**LUST**    **U004275219**  
**UST**      **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**765 ft.**

**LUST:**  
Name: CARMAN TILLARD  
Address: 910 N HUNTER BLVD  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 50001216  
Source: Not reported  
Owner Name: Read, Karl  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: 989-255-3912  
Country: Not reported  
District: Warren  
Site Name: Carman Tillard  
Latitude: 42.55449  
Longitude: -83.21908  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 15206  
Release Date: 02/20/1990  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 04/04/1996

**UST:**  
Name: CARMAN TILLARD  
Address: 910 N HUNTER BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: CLOSED  
Facility ID: 50001216  
Owner Name: NRT OWNER  
Owner Address: UNKNOWN  
Owner City: UNKNOWN  
Owner State: MI  
Owner Zip: 99999  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARMAN TILLARD (Continued)**

**U004275219**

Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 1  
Capacity: Not reported  
Tank Status: Non-Registered Tank  
Substance: Not reported  
Install Date: Not reported  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

**UST 2:**

Name: CARMAN TILLARD  
Address: 910 N HUNTER BLVD  
City,State,Zip: BIRMINGHAM, MI 48009  
Region: 1  
Owner Name: NRT OWNER  
Owner Address: Unknown  
Owner City: Unknown  
Owner State: MI  
Owner Zip: 99999  
Owner Phone: Not reported  
Record ID: UTK-041616-15  
Facility Status: Inactive  
Tank ID: 1  
Tank Status: NON-Registered Tank  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: Not reported  
Removal Date: Not reported  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

Name: CARMAN TILLARD  
Address: 910 N HUNTER BLVD  
City,State,Zip: BIRMINGHAM, MI 48009  
Region: Not reported  
Owner Name: OWNER ADDRESS UNKNOWN  
Owner Address: Not Recorded  
Owner City: Not reported  
Owner State: Not reported  
Owner Zip: 99999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARMAN TILLARD (Continued)**

**U004275219**

Owner Phone: Not reported  
Record ID: UTK-041616-15  
Facility Status: Not reported  
Tank ID: Not reported  
Tank Status: Non-Registered Tank  
Tank Capacity: Not reported  
Tank Content: Not reported  
Install Date: 01/01/1900  
Removal Date: 01/01/1900  
Tank Release Detect: Not reported  
Pipe Release Detect: Not reported  
Tank Piping Material: Not reported  
Tank Constr. Material: Not reported

**N53**  
**North**  
**1/4-1/2**  
**0.433 mi.**  
**2287 ft.**

**JAX KAR WASH #048**  
**34745 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**Site 1 of 4 in cluster N**

**LUST** **U003319644**  
**UST** **N/A**  
**INVENTORY**  
**BEA**  
**WDS**

**Relative:**  
**Higher**  
**Actual:**  
**770 ft.**

**LUST:**  
Name: JAX KAR WASH #048  
Address: 34745 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 1952  
Source: Not reported  
Owner Name: ADDRESS UNKNOWN, OWNER  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Jax Kar Wash #048  
Latitude: 42.53949  
Longitude: -83.20706  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 2074  
Release Date: 10/27/2000  
Substance Released: Not reported  
Release Status: Open  
Release Closed Date: Not reported  
  
Leak Number: C-0859-00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JAX KAR WASH #048 (Continued)**

**U003319644**

Release Date: 10/27/2000  
Substance Released: Unknown  
Release Status: Open  
Release Closed Date: Not reported

UST:

Name: JAX KAR WASH #048  
Address: 34745 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0927  
Facility Type: CLOSED  
Facility ID: 00001952  
Owner Name: JAX KAR WASH #048  
Owner Address: 34745 WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: Not reported  
Contact: Abdeem Shakoor  
Contact Phone: (781) 231-9300  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 10000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 01/01/1966  
Remove Date: 10/27/2000  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53949  
Longitude: -83.20706

Name: JAX KAR WASH #048  
Address: 34745 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0927  
Facility Type: CLOSED  
Facility ID: 00001952  
Owner Name: JAX KAR WASH #048  
Owner Address: 34745 WOODWARD  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48011  
Owner Contact: Not reported  
Owner Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JAX KAR WASH #048 (Continued)**

**U003319644**

Contact: Abdeem Shakoor  
Contact Phone: (781) 231-9300  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 10000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 01/01/1966  
Remove Date: 10/27/2000  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53949  
Longitude: -83.20706

**INVENTORY:**

Name: JAX KAR WASH #048  
Address: 34745 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Jax Kar Wash #048  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Golla, Terri  
Latitude: 42.539494  
Longitude: -83.207062

**BEA:**

Name: JAX KAR WASH  
Address: 34745 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: 1459  
District: Southeast MI  
Date Received: 08/08/2001  
Submitter Name: BMW CAR WASH, L.L.C.  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: S  
Determination 20107A: No Request  
Reviewer: cokt



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JAX KAR WASH #048 (Continued)**

**U003319644**

Division Assigned: STD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

**WDS:**

Name: WASH DEPOT  
Address: 34745 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Site Id: MIG000026887  
WMD Id: 429618  
Site Specific Name: WASH DEPOT  
Mailing Address: 34745 WOODWARD AVE  
Mailing City/State/Zip: 48009  
Mailing County: OAKLAND

**M54**  
**NNE**  
**1/4-1/2**  
**0.434 mi.**  
**2293 ft.**

**MALLY, C . LANE PROPERTY**  
**575 SOUTH HUNTER BLVD.**  
**BIRMINGHAM, MI**

**BEA S104910029**  
**N/A**

**Site 2 of 4 in cluster M**

**Relative:**  
**Higher**  
**Actual:**  
**766 ft.**

**BEA:**

Name: MALLY, C . LANE PROPERTY  
Address: 575 SOUTH HUNTER BLVD.  
City,State,Zip: BIRMINGHAM, MI  
Secondary Address: Not reported  
BEA Number: 107  
District: Southeast MI  
Date Received: 05/09/1996  
Submitter Name: C. LANE MALLY  
Petition Determination: Affirmed  
Petition Disclosure: 1  
Category: N  
Determination 20107A: No Request  
Reviewer: mitchelf  
Division Assigned: STD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MALLY, C . LANE PROPERTY (Continued)**

**S104910029**

Organization: Not reported  
 Contact: Not reported  
 Contact Type: Not reported

**M55**  
**North**  
**1/4-1/2**  
**0.437 mi.**  
**2305 ft.**

**SPEEDWAY LLC**  
**34750 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**  
**Site 3 of 4 in cluster M**

**RCRA-VSQQ** **1000844604**  
**LUST** **MID985666387**  
**UST**  
**FINDS**  
**ECHO**

**Relative:**  
**Higher**

**Actual:**  
**768 ft.**

RCRA Listings:  
 Date Form Received by Agency: 20120820  
 Handler Name: Speedway Llc  
 Handler Address: 34750 WOODWARD AVE  
 Handler City,State,Zip: BIRMINGHAM, MI 48009  
 EPA ID: MID985666387  
 Contact Name: CHARLES A BESSE  
 Contact Address: Not reported  
 Contact City,State,Zip: Not reported  
 Contact Telephone: 937-863-6272  
 Contact Fax: 937-863-6078  
 Contact Email: CABESSE@SPEEDWAY.COM  
 Contact Title: Not reported  
 EPA Region: 05  
 Land Type: Private  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: PO BOX 1500  
 Mailing City,State,Zip: SPRINGFIELD, OH 45501  
 Owner Name: Speedway Llc  
 Owner Type: Private  
 Operator Name: Speedway Llc  
 Operator Type: Private  
 Short-Term Generator Activity: No  
 Importer Activity: No  
 Mixed Waste Generator: No  
 Transporter Activity: No  
 Transfer Facility Activity: No  
 Recycler Activity with Storage: No  
 Small Quantity On-Site Burner Exemption: No  
 Smelting Melting and Refining Furnace Exemption: No  
 Underground Injection Control: No  
 Off-Site Waste Receipt: No  
 Universal Waste Indicator: No  
 Universal Waste Destination Facility: No  
 Federal Universal Waste: No  
 Active Site State-Reg Handler: ---  
 Federal Facility Indicator: Not reported  
 Hazardous Secondary Material Indicator: NN  
 Sub-Part K Indicator: Not reported  
 2018 GPRA Permit Baseline: Not on the Baseline  
 2018 GPRA Renewals Baseline: Not on the Baseline  
 202 GPRA Corrective Action Baseline: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20120905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

**Hazardous Waste Summary:**

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

**Handler - Owner Operator:**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	19990610
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY LLC
Legal Status:	Private
Date Became Current:	19990610
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SPEEDWAY SUPERAMERICA LLC
Legal Status:	Private
Date Became Current:	19991211
Date Ended Current:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC  
Legal Status: Private  
Date Became Current: 19991211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC  
Legal Status: Private  
Date Became Current: 19991211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC  
Legal Status: Private  
Date Became Current: 19991211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC  
Legal Status: Private  
Date Became Current: 19991211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: SPEEDWAY SUPERAMERICA LLC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Legal Status: Private  
Date Became Current: 19991211  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19980917  
Handler Name: SPEEDWAY SUPERAMERICA LLC  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19930902  
Handler Name: SPEEDWAY SUPERAMERICA LLC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20050603  
Handler Name: SPEEDWAY SUPERAMERICA LLC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20120820  
Handler Name: SPEEDWAY LLC  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44711  
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

LUST:

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 16370  
Source: 24000  
Owner Name: Cooperatives Inc, Settler's  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Total #2528  
Latitude: 42.54507  
Longitude: -83.20997  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on interpolation-photo.  
Accuracy: 20  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Center of a facility or station  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: 13936  
Release Date: 11/06/2014  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 13936

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Release Date: 11/06/2014  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 13936  
Release Date: 11/06/2014  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 13936  
Release Date: 11/06/2014  
Substance Released: Diesel  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 2520  
Release Date: 08/09/1991  
Substance Released: Not reported  
Release Status: Closed  
Release Closed Date: 02/09/1996

UST:

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 9  
Capacity: 8000  
Tank Status: Currently In Use  
Substance: Diesel  
Install Date: 05/01/1992  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 8  
Capacity: 10000  
Tank Status: Currently In Use  
Substance: Gasoline  
Install Date: 05/01/1992  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 7  
Capacity: 10000  
Tank Status: Currently In Use  
Substance: Gasoline  
Install Date: 05/01/1992  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 6  
Capacity: 12000  
Tank Status: Currently In Use  
Substance: Gasoline  
Install Date: 05/01/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 5  
Capacity: 550  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 04/22/1959  
Remove Date: 03/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Not reported  
Contact Phone: Not reported  
Date of Collection: Not reported  
Accuracy: Not reported  
Horizontal Datum: Not reported  
Accuracy Value Unit: Not reported  
Source: Not reported  
Point Line Area: Not reported  
Desc Category: Not reported  
Method of Collection: Not reported  
District: Not reported  
Tank ID: 4  
Capacity: 1000  
Tank Status: Removed from Ground  
Substance: Other(FUEL OIL)  
Install Date: 04/22/1959  
Remove Date: 03/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: Not reported  
Longitude: Not reported

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 12000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 04/21/1974  
Remove Date: 03/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 12000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/21/1974  
Remove Date: 03/01/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM 48009  
Facility Type: ACTIVE  
Facility ID: 00016370  
Owner Name: SPEEDWAY LLC  
Owner Address: PO BOX 1500  
Owner City: SPRINGFIELD  
Owner State: OH  
Owner Zip: 45501  
Owner Contact: Not reported  
Owner Phone: 9378643000  
Contact: Eric Swaisgood  
Contact Phone: (937) 863-6513  
Date of Collection: 04/06/2007  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 04/21/1972  
Remove Date: 03/02/1992  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.54488  
Longitude: -83.20977

**FINDS:**

Registry ID: 110003685968

[Click Here for FRS Facility Detail Report:](#)

**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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000844604

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY LLC (Continued)**

**1000844604**

Registry ID: 110003685968  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003685968>  
Name: SPEEDWAY LLC  
Address: 34750 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009

**M56**  
**North**  
**1/4-1/2**  
**0.437 mi.**  
**2305 ft.**

**SPEEDWAY #8721**  
**34750 WOODWARD 347 BLVD**  
**BIRMINGHAM, MI 48009**

**LUST** **S118615272**  
**INVENTORY** **N/A**  
**Financial Assurance**

**Site 4 of 4 in cluster M**

**Relative:**  
**Higher**

**LUST:**

**Actual:**  
**768 ft.**

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM, MI 48009-  
Facility ID: 00016370  
Source: STATE OF MICHIGAN  
Owner Name: SpeedwayLLC  
Owner Address: Not reported  
Owner City,St,Zip: UNKNOWN, MI  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: USA  
District: Warren  
Site Name: Speedway #8721  
Latitude: 42.54488  
Longitude: -83.20977  
Date of Collection: 04/06/2007  
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off  
Accuracy: 100  
Accuracy Value Unit: FEET  
Horizontal Data: NAD83  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: C-0161-14  
Release Date: 12/09/2014  
Substance Released: Gasoline,Gasoline,Gasoline,Diesel  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-1633-91  
Release Date: 08/27/1991  
Substance Released: Unknown  
Release Status: Closed  
Release Closed Date: 02/09/1996

**INVENTORY:**

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM, MI 48009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPEEDWAY #8721 (Continued)**

**S118615272**

Township: Not reported  
District: Warren  
Data Source: Risks Controlled-Interim  
Lust Name: Total #2528  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Ethridge, Kimberly, A.  
Latitude: 42.54507793  
Longitude: -83.20997822

**FINANCIAL ASSURANCE 3:**

Name: SPEEDWAY #8721  
Address: 34750 WOODWARD 347 BLVD  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 00016370  
Exempt: No  
Expiration Date: 12/18/2022  
Bond Rating Tests: Not reported  
Commerical Insurance: CHECKED  
Guarantee: Not reported  
Letter of Credit: Not reported  
Risk Retention Group: Not reported  
Self Insurance: Not reported  
State Funds: Not reported  
Surety Bond: Not reported  
Trust Funds: Not reported  
Year: 2021

**O57**  
**ESE**  
**1/4-1/2**  
**0.461 mi.**  
**2434 ft.**

**SHELL STATION**  
**33588 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**LUST** **U003322776**  
**UST** **N/A**  
**BEA**

**Site 1 of 3 in cluster O**

**Relative:**  
**Lower**  
**Actual:**  
**748 ft.**

**LUST:**  
Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 13409  
Source: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Citgo  
Latitude: 42.53572  
Longitude: -83.20281  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Diesel  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Other  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: 12452  
Release Date: 12/13/2013  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-0005-15  
Release Date: 12/13/2013  
Substance Released: Gasoline,Gasoline,Gasoline,Gasoline,Other,Diesel  
Release Status: Open  
Release Closed Date: Not reported

**UST:**

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 8  
Capacity: 12000  
Tank Status: Currently In Use  
Substance: Diesel,Other(Gas/Racing Gas)  
Install Date: 04/29/2015  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53572  
Longitude: -83.20281

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Capacity: 20000  
Tank Status: Currently In Use  
Substance: Gasoline  
Install Date: 04/29/2015  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53572  
Longitude: -83.20281

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 6  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Diesel  
Install Date: 05/06/1976  
Remove Date: 04/16/2015  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53572  
Longitude: -83.20281

Name: SHELL STATION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 5  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Kerosene,Other(RACING-FUEL)  
Install Date: 05/06/1976  
Remove Date: 04/17/2015  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53572  
Longitude: -83.20281

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 4  
Capacity: 10000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/06/1976  
Remove Date: 04/17/2015  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53572  
Longitude: -83.20281

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM 48009-0908  
Facility Type: ACTIVE  
Facility ID: 00013409  
Owner Name: BHAM SHELL INC  
Owner Address: 33477 WOODWARD AVE 800  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2382553568  
Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 10000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/06/1974  
Remove Date: 04/16/2015  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Tank Construction:	Not reported
Impressed Device:	Yes
Latitude:	42.53572
Longitude:	-83.20281
Name:	SHELL STATION
Address:	33588 WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48009-0908
Facility Type:	ACTIVE
Facility ID:	00013409
Owner Name:	BHAM SHELL INC
Owner Address:	33477 WOODWARD AVE 800
Owner City:	BIRMINGHAM
Owner State:	MI
Owner Zip:	48009
Owner Contact:	Not reported
Owner Phone:	2382553568
Contact:	Scott Barbat
Contact Phone:	(248) 255-3568
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	12000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	05/06/1974
Remove Date:	04/15/2015
Tank Number:	Not reported
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Not reported
Piping Type:	Not reported
Tank Construction:	Not reported
Impressed Device:	Yes
Latitude:	42.53572
Longitude:	-83.20281
Name:	SHELL STATION
Address:	33588 WOODWARD AVE
City,State,Zip:	BIRMINGHAM 48009-0908
Facility Type:	ACTIVE
Facility ID:	00013409
Owner Name:	BHAM SHELL INC
Owner Address:	33477 WOODWARD AVE 800
Owner City:	BIRMINGHAM
Owner State:	MI
Owner Zip:	48009
Owner Contact:	Not reported
Owner Phone:	2382553568

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Contact: Scott Barbat  
Contact Phone: (248) 255-3568  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 12000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/06/1974  
Remove Date: 04/15/2015  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53572  
Longitude: -83.20281

**BEA:**

Name: SHELL STATION  
Address: 33588 WOODWARD AVE  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 01/15/2014  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 00013409  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201405858LV  
Approval Status: RRD Received  
Workflow Status: Submitted  
Date Submitted: 2014-01-15 17:31:08  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: box 521 Category B3 Facility ID# 00013409 REVIEW CONCLUSION: BEA identifies a new concern, in whole or in part, and assessment of the available information indicates further follow up required. FURTHER ASSESSMENT, NOTIFICATION, AND/OR MITIGATION ACTION TO BE TAKEN: Release was confirmed and Part 213 follow-up necessary.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHELL STATION (Continued)**

**U003322776**

Organization: B5 Investments, LLC  
 Contact: PM Environmental, Inc.  
 Contact Type: Submitter Contact

**O58**  
**ESE**  
**1/4-1/2**  
**0.461 mi.**  
**2434 ft.**

**SHELL STATION**  
**33588 WOODWARD AVE**  
**BIRMINGHAM, MI 48009**

**INVENTORY S117572940**  
**N/A**

**Site 2 of 3 in cluster O**

**Relative:**  
**Lower**  
**Actual:**  
**748 ft.**

**INVENTORY:**  
 Name: SHELL STATION  
 Address: 33588 WOODWARD AVE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Township: Birmingham  
 District: Warren  
 Data Source: Risks Present and Require Action in Short-term  
 Lust Name: Citgo  
 Regulatory Program: 213  
 Release Status: Open  
 Project Manager: Innes, James  
 Latitude: 42.535721  
 Longitude: -83.202812

**O59**  
**ESE**  
**1/4-1/2**  
**0.461 mi.**  
**2434 ft.**

**33588 WOODWARD AVENUE**  
**33588 WOODWARD AVENUE**  
**BIRMINGHAM, MI 48009**

**US BROWNFIELDS 1016603580**  
**FINDS N/A**

**Site 3 of 3 in cluster O**

**Relative:**  
**Lower**  
**Actual:**  
**748 ft.**

**US BROWNFIELDS:**  
 Name: 33588 WOODWARD AVENUE  
 Address: 33588 WOODWARD AVENUE  
 City,State,Zip: BIRMINGHAM, MI 48009  
 Recipient Name: Oakland County Michigan  
 Grant Type: Assessment  
 Property Number: 08-20-31-352-001  
 Parcel size: 0.33  
 Latitude: 42.535718  
 Longitude: -83.202633  
 HCM Label: Address Matching-House Number  
 Map Scale: -  
 Point of Reference: Entrance Point of a Facility or Station  
 Highlights: Former Use: Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.  
 Datum: North American Datum of 1983  
 Acres Property ID: 169261

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

IC Data Access: -  
Start Date: -  
Redev Completion 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: Petroleum  
Accomplishment Type: -  
Accomplishment Count: -  
Cooperative Agreement Number: 00E01208  
Start Date: -  
Ownership Entity: Private  
Completion Date: -  
Current Owner: -  
Did Owner Change: Y  
Cleanup Required: N  
Video Available: N  
Photo Available: Y  
Institutional Controls Required: N  
IC Category Proprietary Controls: -  
IC Cat. Info. Devices: -  
IC Cat. Gov. Controls: -  
IC Cat. Enforcement Permit Tools: -  
IC in place date: -  
IC in place: N  
State/tribal program date: -  
State/tribal program ID: -  
State/tribal NFA date: -  
Air cleaned: -  
Asbestos found: -  
Asbestos cleaned: -  
Controlled substance found: -  
Controlled substance cleaned: -  
Drinking water affected: -  
Drinking water cleaned: -  
Groundwater affected: -  
Groundwater cleaned: -  
Lead contaminant found: -  
Lead cleaned up: -  
No media affected: -  
Unknown media affected: -  
Other cleaned up: -  
Other metals found: -  
Other metals cleaned: -  
Other contaminants found: -  
Other contams found description: -  
PAHs found: -  
PAHs cleaned up: -



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.33
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	0.33
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.

Below Poverty Number: 94  
Below Poverty Percent: 2.25  
Median Income: 8696  
Median Income Number: 479  
Median Income Percent: 11.48  
Vacant Housing Number: 119  
Vacant Housing Percent: 5.84  
Unemployed Number: 148  
Unemployed Percent: 3.55

Name: 33588 WOODWARD AVENUE  
Address: 33588 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Recipient Name: Oakland County Michigan  
Grant Type: Assessment  
Property Number: 08-20-31-352-001  
Parcel size: 0.33  
Latitude: 42.535718  
Longitude: -83.202633  
HCM Label: Address Matching-House Number  
Map Scale: -  
Point of Reference: Entrance Point of a Facility or Station  
Highlights: Former Use: Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.

Datum: North American Datum of 1983  
Acres Property ID: 169261  
IC Data Access: -  
Start Date: -  
Redev Completion Date: -  
Completed Date: -  
Acres Cleaned Up: -  
Cleanup Funding: -  
Cleanup Funding Source: -  
Assessment Funding: 5000  
Assessment Funding Source: EPA  
Redevelopment Funding: -  
Redev. Funding Source: -  
Redev. Funding Entity Name: -  
Redevelopment Start Date: -  
Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

33588 WOODWARD AVENUE (Continued)

1016603580

Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	00E01208
Start Date:	2/9/2013
Ownership Entity:	Private
Completion Date:	1/7/2014
Current Owner:	-
Did Owner Change:	Y
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

Past use residential acreage:	-	
Surface Water:	-	
Past use commercial acreage:	0.33	
Past use industrial acreage:	-	
Future use greenspace acreage:	-	
Future use residential acreage:	-	
Future use commercial acreage:	0.33	
Future use industrial acreage:	-	
Superfund Fed. landowner flag:	N	
Arsenic cleaned up:	-	
Cadmium cleaned up:	-	
Chromium cleaned up:	-	
Copper cleaned up:	-	
Iron cleaned up:	-	
mercury cleaned up:	-	
Nickel Cleaned Up:	-	
No clean up:	-	
Pesticides cleaned up:	-	
Selenium cleaned up:	-	
SVOCs cleaned up:	-	
Unknown clean up:	-	
Arsenic contaminant found:	-	
Cadmium contaminant found:	-	
Chromium contaminant found:	-	
Copper contaminant found:	-	
Iron contaminant found:	-	
Mercury contaminant found:	-	
Nickel contaminant found:	-	
No contaminant found:	-	
Pesticides contaminant found:	-	
Selenium contaminant found:	-	
SVOCs contaminant found:	-	
Unknown contaminant found:	-	
Future Use: Multistory	-	
Media affected Bluiding Material:	-	
Media affected indoor air:	-	
Building material media cleaned up:	-	
Indoor air media cleaned up:	-	
Unknown media cleaned up:	-	
Past Use: Multistory	-	
Property Description:		Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.
Below Poverty Number:	94	
Below Poverty Percent:	2.25	
Meidan Income:	8696	
Meidan Income Number:	479	
Meidan Income Percent:	11.48	
Vacant Housing Number:	119	

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

Vacant Housing Percent:	5.84
Unemployed Number:	148
Unemployed Percent:	3.55
Name:	33588 WOODWARD AVENUE
Address:	33588 WOODWARD AVENUE
City,State,Zip:	BIRMINGHAM, MI 48009
Recipient Name:	Oakland County Michigan
Grant Type:	Assessment
Property Number:	08-20-31-352-001
Parcel size:	0.33
Latitude:	42.535718
Longitude:	-83.202633
HCM Label:	Address Matching-House Number
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Former Use: Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.
Datum:	North American Datum of 1983
Acres Property ID:	169261
IC Data Access:	-
Start Date:	-
Redev Completion Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	2400
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	00E01208
Start Date:	10/29/2013
Ownership Entity:	Private
Completion Date:	11/21/2013
Current Owner:	-
Did Owner Change:	Y
Cleanup Required:	N
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.33
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	0.33
Future use industrial acreage:	-
Superfund Fed. landowner flag:	N
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

- mercury cleaned up: -
- Nickel Cleaned Up: -
- No clean up: -
- Pesticides cleaned up: -
- Selenium cleaned up: -
- SVOCs cleaned up: -
- Unknown clean up: -
- Arsenic contaminant found: -
- Cadmium contaminant found: -
- Chromium contaminant found: -
- Copper contaminant found: -
- Iron contaminant found: -
- Mercury contaminant found: -
- Nickel contaminant found: -
- No contaminant found: -
- Pesticides contaminant found: -
- Selenium contaminant found: -
- SVOCs contaminant found: -
- Unknown contaminant found: -
- Future Use: Multistory -
- Media affected Bluiding Material: -
- Media affected indoor air: -
- Building material media cleaned up: -
- Indoor air media cleaned up: -
- Unknown media cleaned up: -
- Past Use: Multistory -
- Property Description:

Original development of the subject property occurred between 1950 and 1951 with the construction of a gasoline service station in the northeastern portion of the property. The building was demolished, and the property was redeveloped with a portion of the current gasoline dispensing station building in 1956 located in the eastern portion of the property. A canopy was constructed west of the building in 1977, and an addition was constructed to the southern portion of the building in 1987. The property was occupied by a gasoline service station until approximately 2000, when the building was renovated for use as the current convenience store. Fuel dispensing operations have continued since that time.

- Below Poverty Number: 94
- Below Poverty Percent: 2.25
- Meidan Income: 8696
- Meidan Income Number: 479
- Meidan Income Percent: 11.48
- Vacant Housing Number: 119
- Vacant Housing Percent: 5.84
- Unemployed Number: 148
- Unemployed Percent: 3.55

**FINDS:**

Registry ID: 110059659409

[Click Here for FRS Facility Detail Report:](#)

**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.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**33588 WOODWARD AVENUE (Continued)**

**1016603580**

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**P60**  
**SSW**  
 1/4-1/2  
 0.462 mi.  
 2437 ft.

**MARATHON**  
**101 EAST FOURTEEN MILE ROAD**  
**BIRMINGHAM, MI 48009**

**AUL S115951209**  
**N/A**

**Site 1 of 2 in cluster P**

**Relative:**  
**Lower**

AUL:

**Actual:**  
**753 ft.**

Name:	MARATHON
Address:	101 EAST FOURTEEN MILE ROAD
City,State,Zip:	BIRMINGHAM, MI 48009
Status:	Recorded
Site Name:	Not reported
Property:	Marathon
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Ekel
Program Support Assigned Date:	08/23/2013
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121307089
MDEQ Reference Number:	RC-RRD-213-07-089
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\\KERMIT\\11121307089.PDF
Mapped Polygons Area In Acres:	0.30299999999999999
Mapped Polygons Area In Square Miles:	0.0004
Date Data Entry Started:	08/30/2013
Date Data Entry Finished:	08/30/2013
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:	01/16/2008
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:	1
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

Comment: Request received on 10/8/2007 Casey Armstrong, PM Environmental, 517-321-3331, Ext 113

Map Comments: 20130823 - LRUR is NOT mapped in KERMIT - Nick Ekel 20130830 - LRUR is mapped in KERMIT - Nick Ekel



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**P61**      **MOBILE GAS**  
**SSW**      **101 E 14 MILE RD**  
**1/4-1/2**    **BIRMINGHAM, MI 48009**  
**0.462 mi.**  
**2437 ft.**    **Site 2 of 2 in cluster P**

**LUST**    **U003866123**  
**UST**      **N/A**  
**INVENTORY**  
**Financial Assurance**

**Relative:**  
**Lower**  
**Actual:**  
**753 ft.**

**LUST:**  
Name: MOBILE GAS  
Address: 101 E 14 MILE RD.  
City,State,Zip: BIRMINGHAM, MI 48009  
Facility ID: 4474  
Source: Not reported  
Owner Name: Clair Ct Isd, St  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Owner Contact: Not reported  
Owner Phone: Not reported  
Country: Not reported  
District: Warren  
Site Name: Marathon  
Latitude: 42.53167  
Longitude: -83.21424  
Date of Collection: Not reported  
Method of Collection: The geographic coordinate determination method based on address matching-house number.  
Accuracy: 100  
Accuracy Value Unit: Not reported  
Horizontal Data: North American Datum of 1983  
Point Line Area: Not reported  
Desc Category: Not reported  
Regulatory Program: Not reported  
Risk Condition: Not reported  
Project Manager: Not reported  
Senate District: Not reported  
House District: Not reported  
US Congressional District: Not reported  
  
Leak Number: 8537  
Release Date: 06/13/2005  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported  
  
Leak Number: 8537  
Release Date: 06/13/2005  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported  
  
Leak Number: 8537  
Release Date: 06/13/2005  
Substance Released: Gasoline  
Release Status: Open  
Release Closed Date: Not reported  
  
Leak Number: 9208  
Release Date: 11/10/2005  
Substance Released: Used Oil  
Release Status: Open

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBILE GAS (Continued)**

**U003866123**

Release Closed Date: Not reported  
  
Leak Number: C-0183-05  
Release Date: 06/13/2005  
Substance Released: Gasoline,Gasoline,Gasoline  
Release Status: Open  
Release Closed Date: Not reported

Leak Number: C-0319-05  
Release Date: 11/10/2005  
Substance Released: Used Oil  
Release Status: Open  
Release Closed Date: Not reported

UST:

Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM 48009-2007  
Facility Type: ACTIVE  
Facility ID: 00004474  
Owner Name: EW AIS ENT  
Owner Address: 101 EAST 14 MILE  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2485942285  
Contact: Rapheal lwies  
Contact Phone: (313) 414-4445  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 5  
Capacity: 25000  
Tank Status: Currently In Use  
Substance: Diesel,Gasoline  
Install Date: 05/11/2005  
Remove Date: Not reported  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53167  
Longitude: -83.21424

Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM 48009-2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBILE GAS (Continued)**

**U003866123**

Facility Type: ACTIVE  
Facility ID: 00004474  
Owner Name: EWAIS ENT  
Owner Address: 101 EAST 14 MILE  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2485942285  
Contact: Rapheal Iwies  
Contact Phone: (313) 414-4445  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 4  
Capacity: 500  
Tank Status: Removed from Ground  
Substance: Used Oil  
Install Date: 05/06/1981  
Remove Date: 05/12/2005  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Not reported  
Latitude: 42.53167  
Longitude: -83.21424

Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM 48009-2007  
Facility Type: ACTIVE  
Facility ID: 00004474  
Owner Name: EWAIS ENT  
Owner Address: 101 EAST 14 MILE  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2485942285  
Contact: Rapheal Iwies  
Contact Phone: (313) 414-4445  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBILE GAS (Continued)**

**U003866123**

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 3  
Capacity: 8000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/06/1985  
Remove Date: 05/12/2005  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53167  
Longitude: -83.21424

Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM 48009-2007  
Facility Type: ACTIVE  
Facility ID: 00004474  
Owner Name: EWAIS ENT  
Owner Address: 101 EAST 14 MILE  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2485942285  
Contact: Rapheal Iwies  
Contact Phone: (313) 414-4445  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 2  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/07/1983  
Remove Date: 05/12/2005  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBILE GAS (Continued)**

**U003866123**

Latitude: 42.53167  
Longitude: -83.21424  
  
Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM 48009-2007  
Facility Type: ACTIVE  
Facility ID: 00004474  
Owner Name: EWALS ENT  
Owner Address: 101 EAST 14 MILE  
Owner City: BIRMINGHAM  
Owner State: MI  
Owner Zip: 48009  
Owner Contact: Not reported  
Owner Phone: 2485942285  
Contact: Rapheal Iwies  
Contact Phone: (313) 414-4445  
Date of Collection: 01/11/2001  
Accuracy: 100  
Horizontal Datum: NAD83  
Accuracy Value Unit: FEET  
Source: STATE OF MICHIGAN  
Point Line Area: POINT  
Desc Category: Plant Entrance (Freight)  
Method of Collection: Address Matching-House Number  
District: Region 1 - SE Michigan District Office  
Tank ID: 1  
Capacity: 6000  
Tank Status: Removed from Ground  
Substance: Gasoline  
Install Date: 05/07/1983  
Remove Date: 05/12/2005  
Tank Number: Not reported  
Tank Details Compartments: Not reported  
Tank Release Detection: Not reported  
Pipe Release Detection: Not reported  
Piping Material: Not reported  
Piping Type: Not reported  
Tank Construction: Not reported  
Impressed Device: Yes  
Latitude: 42.53167  
Longitude: -83.21424

**INVENTORY:**

Name: MOBILE GAS  
Address: 101 E 14 MILE RD.  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Controlled-Interim  
Lust Name: Marathon  
Regulatory Program: 213  
Release Status: Open  
Project Manager: Golla, Terri  
Latitude: 42.531676  
Longitude: -83.214247

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBILE GAS (Continued)**

**U003866123**

FINANCIAL ASSURANCE 3:

Name: MOBILE GAS  
Address: 101 E 14 MILE RD  
City,State,Zip: BIRMINGHAM, MI 48009-2007  
Facility ID: 00004474  
Exempt: No  
Expiration Date: 10/17/2020  
Bond Rating Tests: Not reported  
Commerical Insurance: CHECKED  
Guarantee: Not reported  
Letter of Credit: Not reported  
Risk Retention Group: Not reported  
Self Insurance: Not reported  
State Funds: Not reported  
Surety Bond: Not reported  
Trust Funds: Not reported  
Year: 2019

**N62**  
**North**  
**1/4-1/2**  
**0.469 mi.**  
**2477 ft.**

**WOODWARD BROWN ASSOC LLC**  
**34901 WOODWARD**  
**BIRMINGHAM, MI 48009**  
**Site 2 of 4 in cluster N**

**INVENTORY** **S114029254**  
**BEA** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**773 ft.**

INVENTORY:  
Name: WOODWARD BROWN ASSOC LLC  
Address: 34901 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Township: Birmingham  
District: Warren  
Data Source: Risks Present and Require Action in Short-term  
Lust Name: Not reported  
Regulatory Program: 201  
Release Status: Not reported  
Project Manager: Unassigned, Southeast MI  
Latitude: 42.545667  
Longitude: -83.211339

BEA:  
Name: WOODWARD BROWN ASSOC LLC  
Address: 34901 WOODWARD  
City,State,Zip: BIRMINGHAM, MI 48009  
Secondary Address: Not reported  
BEA Number: Not reported  
District: Not reported  
Date Received: 09/16/2010  
Submitter Name: Not reported  
Petition Determination: Not reported  
Petition Disclosure: Not reported  
Category: Not reported  
Determination 20107A: Not reported  
Reviewer: Not reported  
Division Assigned: Not reported  
Location ID: 63005920  
Submittal Type: Baseline Environmental Assessment  
Submittal Number: B201004572LV  
Approval Status: RRD Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WOODWARD BROWN ASSOC LLC (Continued)**

**S114029254**

Workflow Status: Submitted  
Date Submitted: 2010-09-21 11:16:00  
Date Completed: Not reported  
Township: Birmingham  
Work Unit: Warren  
Comments: Not reported  
Organization: Woodward Brown Associates, LLC  
Contact: Daniel R. Cassidy  
Contact Type: Submitter Contact

**N63**  
North  
1/4-1/2  
0.469 mi.  
2477 ft.

**WOODWARD BROWN ASSOCIATES, LLC**  
**34901 WOODWARD AVENUE**  
**BIRMINGHAM, MI 48073**  
**Site 3 of 4 in cluster N**

**BEA S110624723**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**773 ft.**

BEA:  
Name: WOODWARD BROWN ASSOCIATES, LLC  
Address: 34901 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48073  
Secondary Address: Not reported  
BEA Number: 4572  
District: Southeast MI  
Date Received: 09/16/2010  
Submitter Name: Woodward Brown Associates, LLC  
Petition Determination: No Request  
Petition Disclosure: 0  
Category: N  
Determination 20107A: No Request  
Reviewer: berakr  
Division Assigned: RRD  
Location ID: Not reported  
Submittal Type: Not reported  
Submittal Number: Not reported  
Approval Status: Not reported  
Workflow Status: Not reported  
Date Submitted: Not reported  
Date Completed: Not reported  
Township: Not reported  
Work Unit: Not reported  
Comments: Not reported  
Organization: Not reported  
Contact: Not reported  
Contact Type: Not reported

**N64**  
North  
1/4-1/2  
0.469 mi.  
2477 ft.

**WEISS SAMONA**  
**34901 WOODWARD AVENUE**  
**BIRMINGHAM, MI 48009**  
**Site 4 of 4 in cluster N**

**US BROWNFIELDS 1016357344**  
**FINDS N/A**

**Relative:**  
**Higher**  
**Actual:**  
**773 ft.**

US BROWNFIELDS:  
Name: WEISS SAMONA  
Address: 34901 WOODWARD AVENUE  
City,State,Zip: BIRMINGHAM, MI 48009  
Recipient Name: Oakland County

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

<p>Grant Type:          Property Number:          Parcel size:          Latitude:          Longitude:          HCM Label:          Map Scale:          Point of Reference:          Highlights:            Datum:          Acres Property ID:          IC Data Access:          Start Date:          Redev Completion 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 Number:          Start Date:          Ownership Entity:          Completion Date:          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:          IC in place date:          IC in place:          State/tribal program date:</p>	<p>Assessment          -          0.52          42.545658          -83.2113339          -          -          -          -          Former Use: The Property was developed as a feed mill in 1915. From at least 1921 to at least 1931 the Property was used as a lumber and coal yard, with up to nine buildings and several areas labeled as lumber piles. By 1944 the northern portion of the Property was developed with a bowling alley and by 1949 the southwest corner of the Property was developed with a hand laundry building. The southern portion of the Property was occupied by a used car lot by 1960. The bowling alley reportedly operated until at least 1973 when it was occupied for retail uses. A commercial strip mall building was constructed by 1974 and occupied the southern portion of the Property until 2005. Since the demolition of the buildings in 2005, the Property has been used as a parking lot.          -          115761          -          -          -          -          -          -          -          2800          EPA          -          -          -          -          US EPA - Brownfields Assessment Cooperative Agreement          -          -          Hazardous          Phase I Environmental Assessment          N          00E92301          4/27/2010          Private          -          -          -          U          -          Y          U          -          -          -          -          -          -          -          -          -          -</p>
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Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.52
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

- Arsenic contaminant found: -
- Cadmium contaminant found: -
- Chromium contaminant found: -
- Copper contaminant found: -
- Iron contaminant found: -
- Mercury contaminant found: -
- Nickel contaminant found: -
- No contaminant found: -
- Pesticides contaminant found: -
- Selenium contaminant found: -
- SVOCs contaminant found: -
- Unknown contaminant found: -
- Future Use: Multistory -
- Media affected Bluiding Material: -
- Media affected indoor air: -
- Building material media cleaned up: -
- Indoor air media cleaned up: -
- Unknown media cleaned up: -
- Past Use: Multistory -
- Property Description:

The Property was developed as a feed mill in 1915. From at least 1921 to at least 1931 the Property was used as a lumber and coal yard, with up to nine buildings and several areas labeled as lumber piles. By 1944 the northern portion of the Property was developed with a bowling alley and by 1949 the southwest corner of the Property was developed with a hand laundry building. The southern portion of the Property was occupied by a used car lot by 1960. The bowling alley reportedly operated until at least 1973 when it was occupied for retail uses. A commercial strip mall building was constructed by 1974 and occupied the southern portion of the Property until 2005. Since the demolition of the buildings in 2005, the Property has been used as a parking lot.

- Below Poverty Number: 80
- Below Poverty Percent: 2.48
- Meidan Income: 10501
- Meidan Income Number: 237
- Meidan Income Percent: 7.33
- Vacant Housing Number: 169
- Vacant Housing Percent: 9.31
- Unemployed Number: 75
- Unemployed Percent: 2.32

- Name: WEISS SAMONA
- Address: 34901 WOODWARD AVENUE
- City,State,Zip: BIRMINGHAM, MI 48009
- Recipient Name: Oakland County
- Grant Type: Assessment
- Property Number: -
- Parcel size: 0.52
- Latitude: 42.545658
- Longitude: -83.2113339
- HCM Label: -
- Map Scale: -
- Point of Reference: -
- Highlights:

Former Use: The Property was developed as a feed mill in 1915. From at least 1921 to at least 1931 the Property was used as a lumber and coal yard, with up to nine buildings and several areas labeled as lumber piles. By 1944 the northern portion of the Property was developed with a bowling alley and by 1949 the southwest corner of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

the Property was developed with a hand laundry building. The southern portion of the Property was occupied by a used car lot by 1960. The bowling alley reportedly operated until at least 1973 when it was occupied for retail uses. A commercial strip mall building was constructed by 1974 and occupied the southern portion of the Property until 2005. Since the demolition of the buildings in 2005, the Property has been used as a parking lot.

Datum: -  
Acres Property ID: 115761  
IC Data Access: -  
Start Date: -  
Redev Completion Date: -  
Completed Date: -  
Acres Cleaned Up: -  
Cleanup Funding: -  
Cleanup Funding Source: -  
Assessment Funding: 5400  
Assessment Funding Source: EPA  
Redevelopment Funding: -  
Redev. Funding Source: -  
Redev. Funding Entity Name: -  
Redevelopment Start Date: -  
Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement  
Cleanup Funding Entity: -  
Grant Type: Hazardous  
Accomplishment Type: Phase II Environmental Assessment  
Accomplishment Count: N  
Cooperative Agreement Number: 00E92301  
Start Date: 5/26/2010  
Ownership Entity: Private  
Completion Date: -  
Current Owner: -  
Did Owner Change: -  
Cleanup Required: U  
Video Available: -  
Photo Available: Y  
Institutional Controls Required: U  
IC Category Proprietary Controls: -  
IC Cat. Info. Devices: -  
IC Cat. Gov. Controls: -  
IC Cat. Enforcement Permit Tools: -  
IC in place date: -  
IC in place: -  
State/tribal program date: -  
State/tribal program ID: -  
State/tribal NFA date: -  
Air cleaned: -  
Asbestos found: -  
Asbestos cleaned: -  
Controlled substance found: -  
Controlled substance cleaned: -  
Drinking water affected: -  
Drinking water cleaned: -  
Groundwater affected: Y  
Groundwater cleaned: -  
Lead contaminant found: Y  
Lead cleaned up: -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	0.52
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WEISS SAMONA (Continued)**

**1016357344**

Media affected Bluiding Material: -  
 Media affected indoor air: -  
 Building material media cleaned up: -  
 Indoor air media cleaned up: -  
 Unknown media cleaned up: -  
 Past Use: Multistory -  
 Property Description:

The Property was developed as a feed mill in 1915. From at least 1921 to at least 1931 the Property was used as a lumber and coal yard, with up to nine buildings and several areas labeled as lumber piles. By 1944 the northern portion of the Property was developed with a bowling alley and by 1949 the southwest corner of the Property was developed with a hand laundry building. The southern portion of the Property was occupied by a used car lot by 1960. The bowling alley reportedly operated until at least 1973 when it was occupied for retail uses. A commercial strip mall building was constructed by 1974 and occupied the southern portion of the Property until 2005. Since the demolition of the buildings in 2005, the Property has been used as a parking lot.

Below Poverty Number: 80  
 Below Poverty Percent: 2.48  
 Meidan Income: 10501  
 Meidan Income Number: 237  
 Meidan Income Percent: 7.33  
 Vacant Housing Number: 169  
 Vacant Housing Percent: 9.31  
 Unemployed Number: 75  
 Unemployed Percent: 2.32

**FINDS:**

Registry ID: 110043085050

[Click Here for FRS Facility Detail Report:](#)

**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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

65  
 North  
 1/4-1/2  
 0.485 mi.  
 2559 ft.

**34901 AND 34953 WOODWARD AVE.  
 BIRMINGHAM, MI**

**BROWNFIELDS S128640118  
 N/A**

**Relative:  
 Higher  
 Actual:  
 774 ft.**

**BROWNFIELDS:**  
 Name: Not reported  
 Address: 34901 AND 34953 WOODWARD AVE.  
 City,State,Zip: BIRMINGHAM, MI  
 Facility ID: Not reported  
 Region: 1  
 Status: Not reported  
 Properry Use: Not reported  
 BEA: Not reported  
 Ernie Id Number: Not reported  
 X Coordinate: -83.211462  
 Y Coordinate: 42.545705  
 Project Name: Balmoral Place

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**(Continued)**

**S128640118**

Date Year Funded: 12/19/2011  
Total Brownfield Incentives: 696615  
Approved Amount: \$696,615  
Grant Award Amount: Not reported  
Loan Award Amount: Not reported  
Waterfront Award Amount: 0  
Brownfield Site Assessment: Not reported  
Development Type: Business Residential  
Prior Use: Not reported  
Contaminants: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
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NO SITES FOUND

# 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

### *Lists of Federal NPL (Superfund) sites*

#### NPL: National Priority List

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

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 12/21/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 03/28/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS 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 the 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. The 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 potential NPL site.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 312-886-6186
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 312-886-6186
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 312-886-6186
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: 312-886-6186
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### 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: 11/02/2022	Source: Department of the Navy
Date Data Arrived at EDR: 11/08/2022	Telephone: 843-820-7326
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

### 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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 12/12/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/14/2022

Telephone: 202-267-2180

Date Made Active in Reports: 12/19/2022

Last EDR Contact: 03/21/2023

Number of Days to Update: 5

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

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: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 10/31/2013

Telephone: 517-284-5103

Date Made Active in Reports: 11/20/2013

Last EDR Contact: 01/17/2023

Number of Days to Update: 20

Next Scheduled EDR Contact: 05/01/2023

Data Release Frequency: No Update Planned

## ***Lists of state and tribal landfills and solid waste disposal facilities***

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: 12/15/2022

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 12/15/2022

Telephone: 517-335-4035

Date Made Active in Reports: 03/03/2023

Last EDR Contact: 03/21/2023

Number of Days to Update: 78

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Semi-Annually

## ***Lists of state and tribal leaking storage tanks***

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: 11/09/2022

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 11/09/2022

Telephone: 517-373-9837

Date Made Active in Reports: 01/17/2023

Last EDR Contact: 02/03/2023

Number of Days to Update: 69

Next Scheduled EDR Contact: 05/22/2023

Data Release Frequency: 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: 04/20/2022

Source: EPA Region 10

Date Data Arrived at EDR: 06/13/2022

Telephone: 206-553-2857

Date Made Active in Reports: 08/16/2022

Last EDR Contact: 01/17/2023

Number of Days to Update: 64

Next Scheduled EDR Contact: 05/01/2023

Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

**INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land**  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

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

Date of Government Version: 10/19/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

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

Date of Government Version: 11/26/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

***Lists of state and tribal registered storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## 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: 09/30/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 11/03/2022	Telephone: 517-373-1820
Date Made Active in Reports: 01/24/2023	Last EDR Contact: 02/06/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Annually

## UST 2: Underground Storage Tank Listing

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

Date of Government Version: 01/28/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 02/01/2022	Telephone: 517-373-1820
Date Made Active in Reports: 04/25/2022	Last EDR Contact: 03/27/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

## AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 07/05/2022	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 08/11/2022	Telephone: 517-373-1820
Date Made Active in Reports: 10/31/2022	Last EDR Contact: 02/02/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 05/22/2023
	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: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## 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: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

## 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: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 11/18/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 11/22/2022	Telephone: 517-373-4828
Date Made Active in Reports: 02/13/2023	Last EDR Contact: 02/15/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Quarterly

## ***Lists of 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: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/17/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/03/2023
	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.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***Lists of state and tribal brownfield 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: 08/25/2022	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 10/18/2022	Telephone: 517-373-4805
Date Made Active in Reports: 01/04/2023	Last EDR Contact: 01/20/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2023
	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: 10/17/2022	Source: Economic Development Corporation
Date Data Arrived at EDR: 10/20/2022	Telephone: 888-522-0103
Date Made Active in Reports: 01/04/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/01/2023
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 04/04/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Semi-Annually

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

### **SWRCY: Recycling Facilities**

A listing of recycling center locations.

Date of Government Version: 03/18/2022  
Date Data Arrived at EDR: 03/21/2022  
Date Made Active in Reports: 06/16/2022  
Number of Days to Update: 87

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-5719  
Last EDR Contact: 03/17/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Varies

### **HIST LF: Inactive Solid Waste Facilities**

The database contains historical information and is no longer updated.

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

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4034  
Last EDR Contact: 02/28/2003  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

### **ODI: Open Dump Inventory**

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

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

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

### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

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

Date of Government Version: 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: 01/13/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: No Update Planned

### **IHS OPEN DUMPS: Open Dumps on Indian Land**

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 8

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: No Update Planned

### **INVENTORY: Inventory of Facilities**

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: 10/17/2022  
Date Data Arrived at EDR: 10/18/2022  
Date Made Active in Reports: 01/04/2023  
Number of Days to Update: 78

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-5136  
Last EDR Contact: 01/18/2023  
Next Scheduled EDR Contact: 05/01/2023  
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  
Date Data Arrived at EDR: 10/03/2014  
Date Made Active in Reports: 10/03/2014  
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-5103  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

### **CDL: Clandestine Drug Lab Listing**

A listing of clandestine drug lab locations.

Date of Government Version: 10/31/2022  
Date Data Arrived at EDR: 11/08/2022  
Date Made Active in Reports: 01/24/2023  
Number of Days to Update: 77

Source: Department of Community Health  
Telephone: 517-373-3740  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 08/01/2013	Telephone: 517-373-9541
Date Made Active in Reports: 09/11/2013	Last EDR Contact: 07/22/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## 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: 01/06/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Quarterly

## Local Land Records

### 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: 01/09/2023	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 01/10/2023	Telephone: 517-241-7603
Date Made Active in Reports: 03/27/2023	Last EDR Contact: 01/10/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

### 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: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 202-564-6023
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Semi-Annually

## 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: 12/13/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-366-4555
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PEAS: Pollution Emergency Alerting System

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

Date of Government Version: 09/27/2022  
Date Data Arrived at EDR: 10/18/2022  
Date Made Active in Reports: 01/05/2023  
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-8427  
Last EDR Contact: 01/18/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Quarterly

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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: 03/06/2023  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: Environmental Protection Agency  
Telephone: 312-886-6186  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Quarterly

### 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: 11/01/2022  
Date Data Arrived at EDR: 11/10/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/14/2023  
Next Scheduled EDR Contact: 05/29/2023  
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: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Varies

### 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: 04/02/2018  
Date Data Arrived at EDR: 04/11/2018  
Date Made Active in Reports: 11/06/2019  
Number of Days to Update: 574

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: N/A

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2021  
Date Data Arrived at EDR: 02/03/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 05/22/2023  
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: 12/13/2022  
Date Data Arrived at EDR: 12/14/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/21/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Quarterly

## 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  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Quarterly

## 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: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/03/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## 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: 12/31/2020  
Date Data Arrived at EDR: 06/14/2022  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 283

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/13/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2021  
Date Data Arrived at EDR: 11/01/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/16/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Annually

## 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: 10/17/2022  
Date Data Arrived at EDR: 10/18/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 84

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/18/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Annually

## RMP: Risk Management Plans

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: 04/27/2022  
Date Data Arrived at EDR: 05/04/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

## 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  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 04/03/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	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: 11/03/2022	Source: EPA
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	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: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

## 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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## 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: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## 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: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	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: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

## 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: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 03/23/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/24/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Quarterly

## 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: 09/30/2022  
Date Data Arrived at EDR: 10/21/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/17/2023  
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: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Biennially

## 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: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/06/2023  
Next Scheduled EDR Contact: 04/17/2023  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/13/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

## 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  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## 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: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## 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: 11/07/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/22/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2023  
Date Data Arrived at EDR: 03/01/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 04/04/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 12/20/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 80

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 06/19/2023  
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: 02/02/2023  
Date Data Arrived at EDR: 02/28/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 24

Source: EPA  
Telephone: (312) 353-2000  
Last EDR Contact: 02/28/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2023  
Date Data Arrived at EDR: 01/04/2023  
Date Made Active in Reports: 04/03/2023  
Number of Days to Update: 89

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 03/31/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/09/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2022	Source: EPA
Date Data Arrived at EDR: 11/10/2022	Telephone: 800-385-6164
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2022	Telephone: 703-603-8895
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 04/04/2023
Number of Days to Update: 123	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilities name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 01/02/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 08/25/2022	Source: Department of Environment, Great Lakes & Energy
Date Data Arrived at EDR: 11/07/2022	Telephone: 517-284-9278
Date Made Active in Reports: 01/24/2023	Last EDR Contact: 02/07/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/22/2023
	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: 12/07/2022  
Date Data Arrived at EDR: 12/12/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-7074  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Annually

## ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 01/31/2023  
Date Data Arrived at EDR: 02/09/2023  
Date Made Active in Reports: 03/02/2023  
Number of Days to Update: 21

Source: Department of Licensing & Regulatory Affairs  
Telephone: 517-284-7699  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Quarterly

## 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: 11/09/2022  
Date Data Arrived at EDR: 11/09/2022  
Date Made Active in Reports: 01/24/2023  
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-373-9541  
Last EDR Contact: 02/03/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: No Update Planned

## COAL ASH: Coal Ash Disposal Sites

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

Date of Government Version: 04/01/2021  
Date Data Arrived at EDR: 04/06/2021  
Date Made Active in Reports: 06/24/2021  
Number of Days to Update: 79

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 586-753-3754  
Last EDR Contact: 03/23/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 07/11/2022  
Date Data Arrived at EDR: 07/14/2022  
Date Made Active in Reports: 09/22/2022  
Number of Days to Update: 70

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4586  
Last EDR Contact: 01/13/2023  
Next Scheduled EDR Contact: 04/24/2023  
Data Release Frequency: Quarterly

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 01/04/2023  
Date Made Active in Reports: 03/21/2023  
Number of Days to Update: 76

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-6610  
Last EDR Contact: 03/23/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Semi-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.

Date of Government Version: 12/06/2022  
Date Data Arrived at EDR: 12/09/2022  
Date Made Active in Reports: 03/02/2023  
Number of Days to Update: 83

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-335-4034  
Last EDR Contact: 03/17/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 09/22/2022  
Date Data Arrived at EDR: 10/12/2022  
Date Made Active in Reports: 12/29/2022  
Number of Days to Update: 78

Source: Department of Licensing & Regulatory Affairs  
Telephone: 517-335-7279  
Last EDR Contact: 03/23/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

## LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 03/25/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 06/15/2020  
Number of Days to Update: 82

Source: Department of Community Health  
Telephone: 517-335-9699  
Last EDR Contact: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## 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: 07/05/2022  
Date Data Arrived at EDR: 09/27/2022  
Date Made Active in Reports: 12/13/2022  
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-1300  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Varies

## 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: 10/14/2022  
Date Data Arrived at EDR: 10/19/2022  
Date Made Active in Reports: 01/04/2023  
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-241-1515  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 08/11/2022  
Date Data Arrived at EDR: 08/11/2022  
Date Made Active in Reports: 10/31/2022  
Number of Days to Update: 81

Source: Department of Environment, Great Lakes, and Energy  
Telephone: 517-284-6562  
Last EDR Contact: 02/10/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System

Mineral Resources Data System



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023  
Date Data Arrived at EDR: 03/07/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 17

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Semi-Annually

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Semi-Annually

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

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

#### EDR Hist Auto: EDR Exclusive Historical Auto 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Hist Cleaner: EDR Exclusive Historical 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  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### 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  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
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  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Environment, Great Lakes, and Energy  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### 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  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/16/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 860-424-3375
Date Made Active in Reports: 02/06/2023	Last EDR Contact: 02/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 03/30/2023
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/17/2023
	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: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 01/27/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 01/06/2023
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/30/2021	Telephone: 401-222-2797
Date Made Active in Reports: 02/18/2022	Last EDR Contact: 02/13/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 03/06/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

### Electric Power Transmission Line Data

Source: Endeavor Business Media

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

COMMERCIAL PROPERTY  
400 E. LINCOLN STREET  
BIRMINGHAM, MI 48009

### TARGET PROPERTY COORDINATES

Latitude (North):	42.538486 - 42° 32' 18.55"
Longitude (West):	83.211554 - 83° 12' 41.59"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	318387.6
UTM Y (Meters):	4711722.5
Elevation:	758 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	14478729 BIRMINGHAM, MI
Version Date:	2019

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 principle 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).

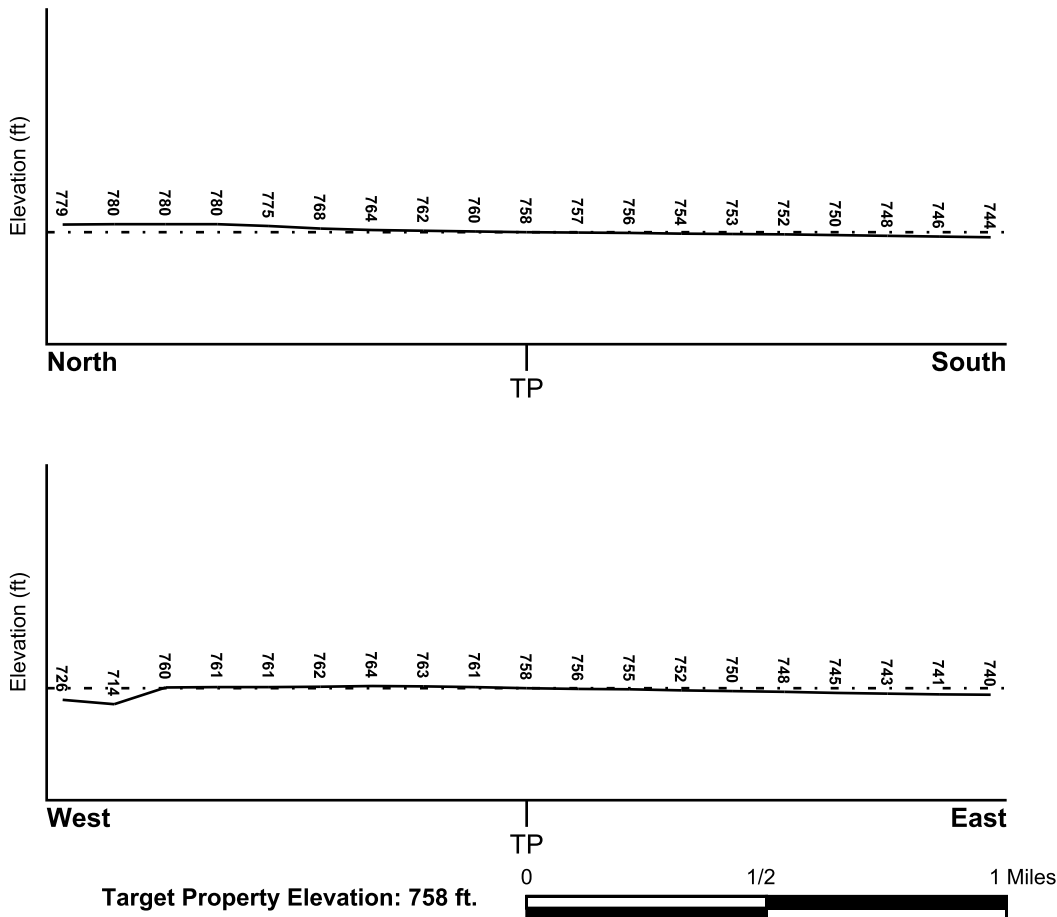
## TOPOGRAPHIC INFORMATION

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 SE

## 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>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
26125C0537F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
26125C0536F	FEMA FIRM Flood data
26125C0538F	FEMA FIRM Flood data
2602560002B	FEMA Q3 Flood data
NO PANEL ID	FEMA Q3 Flood ID

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
BIRMINGHAM	YES - refer to the Overview Map and Detail Map

## 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>
Not Reported		



## 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**

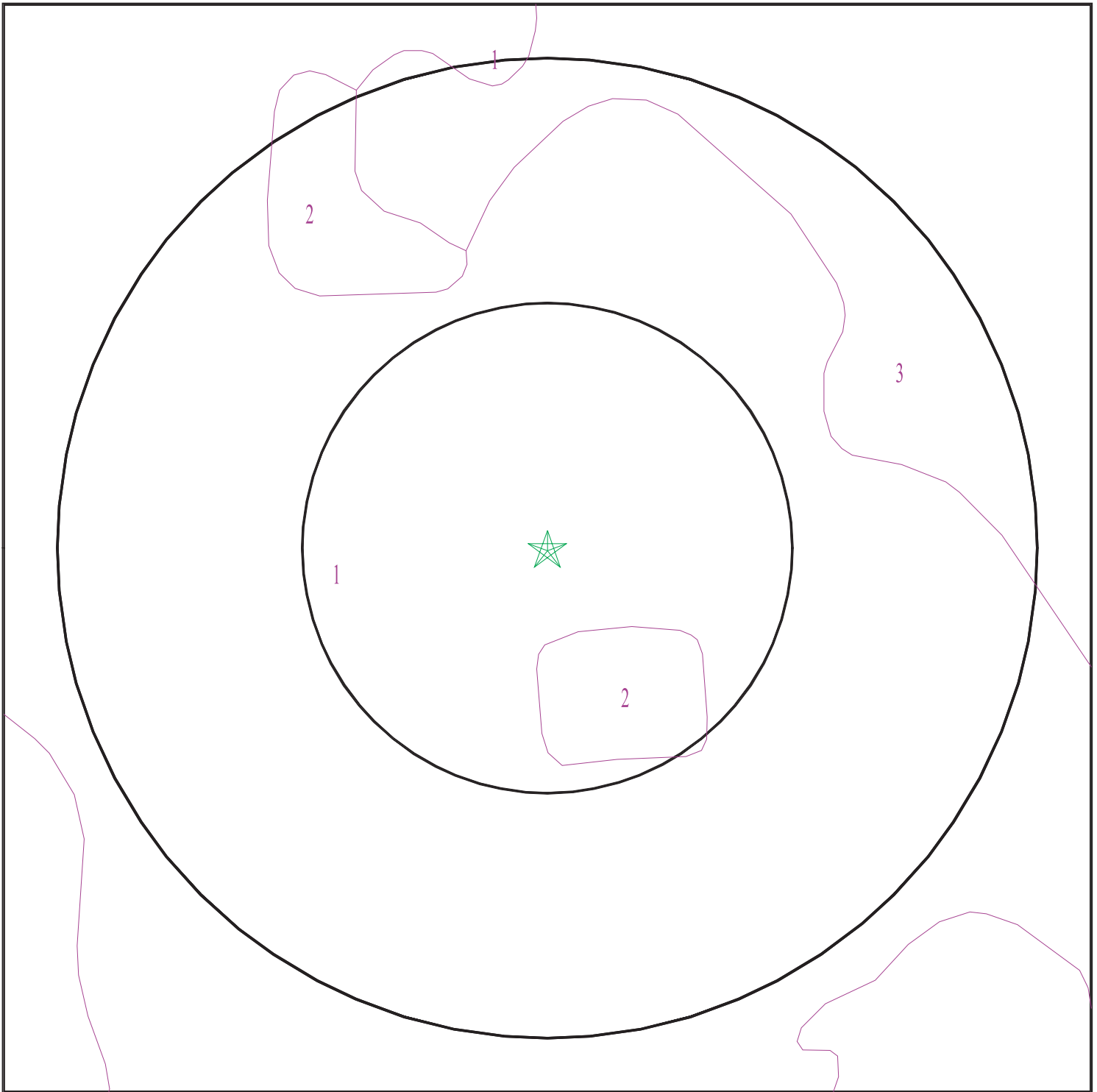
Era:	Paleozoic
System:	Devonian
Series:	Upper Devonian
Code:	D3 ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

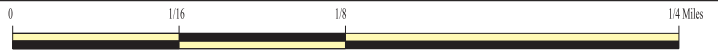
Category: Stratified Sequence

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).

# SSURGO SOIL MAP - 7299886.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Commercial Property  
ADDRESS: 400 E. Lincoln Street  
Birmingham MI 48009  
LAT/LONG: 42.538486 / 83.211554

CLIENT: Griffin Environmental, LLC  
CONTACT: Heston Stein  
INQUIRY #: 7299886.2s  
DATE: April 05, 2023 1:41 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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. The following information is based on Soil Conservation Service SSURGO data.

---

#### Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

No Layer Information available.

---

#### Soil Map ID: 2

Soil Component Name: Aquents

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 3**

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

**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

**FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
_____	_____	_____

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	USGS40000482127	1/2 - 1 Mile SE
5	USGS40000482170	1/2 - 1 Mile NW
6	USGS40000482131	1/2 - 1 Mile SW
7	USGS40000482179	1/2 - 1 Mile NW
9	USGS40000482130	1/2 - 1 Mile ESE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

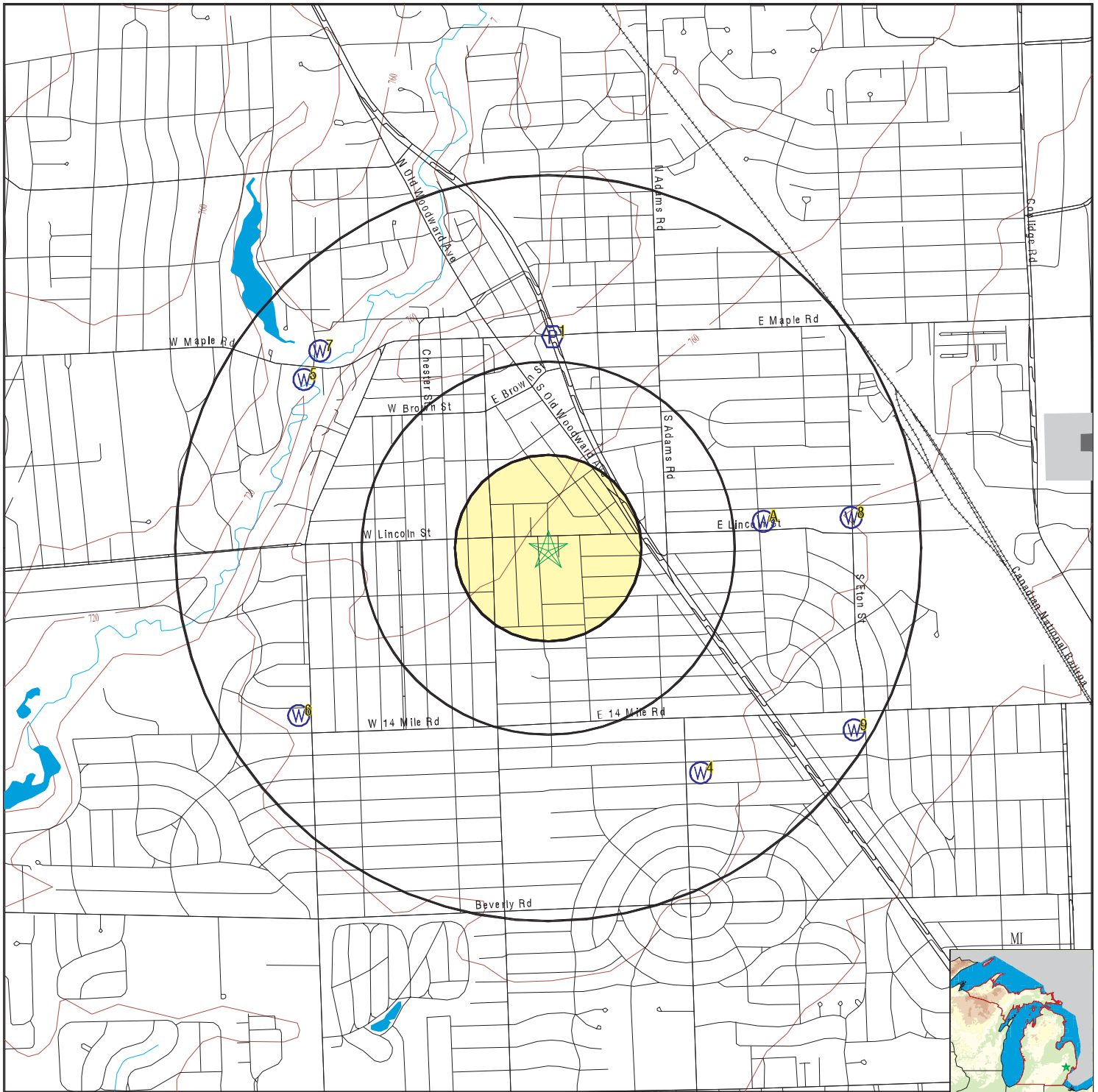
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MI2033663	1/2 - 1 Mile North

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>
A2	MI5000000355060	1/2 - 1 Mile East
A3	MI5000000354976	1/2 - 1 Mile East
8	MI5000000313910	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 7299886.2s



- 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: Commercial Property  
 ADDRESS: 400 E. Lincoln Street  
 Birmingham MI 48009  
 LAT/LONG: 42.538486 / 83.211554

CLIENT: Griffin Environmental, LLC  
 CONTACT: Heston Stein  
 INQUIRY #: 7299886.2s  
 DATE: April 05, 2023 1:41 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS      MI2033663**

PWS ID:	MI2033663	PWS type:	System Owner/Responsible Party
PWS name:	JOHN FREDENBURGH	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MI2033663
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000140
System name:	NATIVITY EPISCOPAL CHURCH	System address:	Not Reported
System address:	21220 FOURTEEN MILE ROAD	System city:	BIRMINGHAM
System state:	Not Reported	System zip:	48010
County FIPS:	063	City served:	BLOOMFIELD
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	423248	Longitude:	0831241

**A2**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000355060**

Well ID:	63000054342	Permit #:	20419000002
Owner:	SSG CRAIG LUDWIG MD	Well Depth (ft):	146
Well Type:	Irrigation	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190814
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	138
Screen Start Depth (ft):	138	Screen End Depth (ft):	146
Static Water Level (ft):	70	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	3
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**A3**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000354976**

Well ID:	63000054179	Permit #:	204-19-000002
Owner:	CRAIG LUDWIG	Well Depth (ft):	146
Well Type:	Irrigation	Other Type Info:	Not Reported
Well Status:	Active	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	44-2007	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	20190814
Casing Type:	PVC Plastic	Other Casing Info:	Not Reported
Casing Diameter (in):	5	Casing Depth (ft):	138

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Screen Start Depth (ft):	138	Screen End Depth (ft):	146
Static Water Level (ft):	70	Flowing:	N
Test Drawdown Depth:	130	Test Hours:	3
Test Water Flow Rate:	25	Test Method:	AIR
Well Grouted:	Y	Pump Capacity (gpm):	10
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**4**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000482127**

Organization ID:	USGS-MI	Organization Name:	USGS Michigan Water Science Center
Monitor Location:	01N 11E 06BBCB 01	Type:	Well
Description:	Not Reported	HUC:	04090004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Pleistocene Series	Aquifer Type:	Not Reported
Construction Date:	19490101	Well Depth:	194
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**5**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000482170**

Organization ID:	USGS-MI	Organization Name:	USGS Michigan Water Science Center
Monitor Location:	02N 10E 36BBBC 01	Type:	Well
Description:	Not Reported	HUC:	04090004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	207	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**6**  
**SW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000482131**

Organization ID:	USGS-MI	Organization Name:	USGS Michigan Water Science Center
Monitor Location:	02N 10E 35DDDD 01	Type:	Well
Description:	Not Reported	HUC:	04090004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Pleistocene Series	Aquifer Type:	Not Reported
Construction Date:	19410101	Well Depth:	248
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	1	Level reading date:	1951-01-01
Feet below surface:	50.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**7**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000482179**

Organization ID:	USGS-MI	Organization Name:	USGS Michigan Water Science Center
Monitor Location:	02N 10E 36BBBA 01	Type:	Well
Description:	Not Reported	HUC:	04090004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Pleistocene Series	Aquifer Type:	Not Reported
Construction Date:	19210101	Well Depth:	96
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1921-01-01
Feet below surface:	20.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**8**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MI WELLS      MI5000000313910**

Well ID:	63000000181	Permit #:	Not Reported
Owner:	CLOVERHILL PARK CEMETARY	Well Depth (ft):	220
Well Type:	Other	Other Type Info:	Abandoned
Well Status:	Not Reported	Other Status Info:	Not Reported
Water Supply Serial #:	0	Well #:	Not Reported
Driller ID:	63-0025	Drill Method:	ROTARY
Other Method Info:	Not Reported	Construction Date:	19961004
Casing Type:	Unknown	Other Casing Info:	Not Reported
Casing Diameter (in):	0	Casing Depth (ft):	0
Screen Start Depth (ft):	0	Screen End Depth (ft):	0
Static Water Level (ft):	999.99	Flowing:	N
Test Drawdown Depth:	0	Test Hours:	0
Test Water Flow Rate:	0	Test Method:	UNK
Well Grouted:	Y	Pump Capacity (gpm):	0
Elevation (ft):	0	Specific Capacity:	0
Rock Top (ft):	0		

**9**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000482130**

Organization ID:	USGS-MI	Organization Name:	USGS Michigan Water Science Center
Monitor Location:	01N 11E 06BAAA 02	Type:	Well
Description:	Not Reported	HUC:	04090004
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Pleistocene Series	Aquifer Type:	Not Reported
Construction Date:	19280101	Well Depth:	230
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		
Ground water levels, Number of Measurements:	1	Level reading date:	1928-05-01
Feet below surface:	12.00	Feet to sea level:	Not Reported
Note:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MI Radon

### Radon Test Results

Zipcode	Test Date	LT Sign	Result
48009	5/11/2007	<	0.3
48009	5/7/2005		0.5
48009	3/8/2004		0.5
48009	1/29/2004	<	0.3
48009	1/12/2004	<	0.3
48009	4/7/2006	<	0.3
48009	6/2/2004	<	0.3
48009	3/21/2007		0.5
48009	8/30/1999		0.5
48009	11/16/2004	<	0.3
48009	3/18/1994		0.5
48009	3/18/1994		0.5
48009	9/26/1998	<	0.3
48009	2/18/1999	<	0.3
48009	1/22/2008	<	0.3
48009	5/20/2003	<	0.3
48009	5/10/2002	<	0.3
48009	5/23/2002	<	0.3
48009	4/15/2002	<	0.3
48009	1/15/2007	<	0.3
48009	1/20/1998		0.8
48009	7/3/1995		0.8
48009	3/15/2004		0.7
48009	3/19/2003		0.8
48009	3/29/2004		0.8
48009	4/17/2004		0.6
48009	3/24/2006		0.8
48009	10/9/2004		0.9
48009	2/9/2004		0.9
48009	2/21/2004		0.9
48009	11/10/2006		0.9
48009	1/21/2008		0.6
48009	1/15/2008		0.6
48009	1/29/2009		0.6
48009	3/13/2009		0.7
48009	2/20/2009		0.6
48009	1/24/2009		0.8
48009	2/7/2009		0.8
48009	1/24/2009		0.6
48009	2/3/2009		0.9
48009	7/1/1998		0.7
48009	3/19/2003		0.6
48009	4/13/2002		0.6
48009	4/1/2002		0.6
48009	1/26/2009		0.9
48009	4/24/2002		0.5
48009			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	4/22/2003	0.6
48009	4/21/2007	1.5
48009	1/14/2008	1.5
48009	7/14/2004	1.5
48009	4/7/2006	1.5
48009	4/12/2002	1.4
48009	7/29/2004	1.4
48009	7/27/2009	1.5
48009	10/19/2009	1.5
48009	5/29/2001	1.4
48009	1/29/2009	1.4
48009	4/7/2006	1.4
48009	12/4/2006	1.4
48009	5/28/2003	1.3
48009	1/24/2009	1.3
48009	1/6/1997	1.2
48009	8/22/2002	1.2
48009	5/24/2002	1.2
48009	3/26/2004	1.2
48009	3/26/2004	1.2
48009	3/26/2004	1.2
48009	2/8/2005	1.2
48009	10/13/1995	1.1
48009	7/1/1998	1.1
48009	5/10/2002	1.1
48009	5/31/2002	1.1
48009	2/24/2003	1.1
48009	1/27/2009	1.2
48009	1/24/2009	1.2
48009	2/17/2009	1.2
48009	2/14/2009	1.2
48009	2/2/2009	1.1
48009	3/22/2004	1.1
48009	3/7/2008	1.1
48009	6/8/2002	1.0
48009	2/2/2009	1.1
48009	7/3/1995	1.0
48009	2/26/1999	1.0
48009	1/24/2009	2.1
48009	11/7/2008	4.2
48009	10/10/2006	4.2
48009	8/19/2008	4.1
48009	2/1/2008	4.5
48009	10/23/2007	4.5
48009	2/16/2005	1.9
48009	2/2/2006	1.9
48009	11/15/2001	1.9
48009	4/20/1998	1.9
48009	3/11/2003	1.8
48009	10/13/2008	1.9
48009	10/27/2000	1.9
48009	2/27/2009	1.9
48009	4/3/2009	1.9
48009	1/13/1996	1.8
48009	2/21/1995	1.8
48009	11/20/2007	1.8
48009		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	10/13/1995	1.7
48009	7/29/2003	1.7
48009	4/29/2002	1.7
48009	10/31/2002	1.7
48009	1/18/2003	1.7
48009	1/28/2003	1.7
48009	11/22/2003	1.6
48009	12/30/2003	1.6
48009	2/7/2009	1.7
48009	1/29/2009	1.7
48009	7/16/2007	5.6
48009	7/16/1999	5.5
48009	1/24/2009	5.9
48009	6/12/2004	4.7
48009	10/20/2008	5.0
48009	9/29/2007	5.0
48009	3/13/2002	4.6
48009	5/27/2002	4.6
48009	6/9/2008	6.7
48009	7/6/2007	7.7
48009	4/12/2002	2.0
48009	5/8/2002	2.0
48009	9/17/2001	22.4
48009	3/5/2009	14.4
48009	2/7/2009	12.6
48009	5/27/2002	8.0
48009	6/24/2002	10.8
48009	7/24/1999	8.6
48009	1/26/2009	2.6
48009	1/22/2009	2.8
48009	1/7/2002	2.5
48009	11/23/2007	2.4
48009	11/9/2007	2.4
48009	9/28/1999	2.4
48009	10/30/2006	2.2
48009	3/23/2009	2.4
48009	1/26/2009	2.3
48009	12/3/1994	2.2
48009	4/23/2002	2.2
48009	4/29/2002	2.2
48009	2/7/2003	2.2
48009	1/8/2007	2.3
48009	2/25/2002	2.1
48009	12/2/2002	2.7
48009	11/14/2003	2.6
48009	6/10/2002	2.7
48009	1/13/2006	2.6
48009	10/31/2009	3.0
48009	1/3/2004	2.8
48009	11/3/2007	2.7
48009	11/7/2007	3.8
48009	7/28/2008	3.6
48009	5/21/2004	3.5
48009	4/28/2003	3.5
48009	1/2/2010	3.5
48009	9/8/2009	3.5
48009		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

	11/6/2008		3.4
48009	2/25/2004		3.2
48009	4/9/2004		3.3
48009	11/10/2007		3.2
48009	1/24/2009	<	0.3
48009	11/11/2003		3.7
48009	1/25/2010	<	0.3
48009	1/4/1997		3.8
48009	1/14/2002		3.8
48009	6/9/2003		3.8
48009	11/22/1997		3.6

Federal EPA Radon Zone for OAKLAND 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: 48009

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
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	1.780 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.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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 Service (NRCS)

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 Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, 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 Wellogis, the Michigan Department of Environmental Quality Statewide Groundwater Database (SGWD). Wellogis 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. Locations of verified municipal and private water well sites compiled from Michigan Department of Public Health, Water Well and Pump Records. Available in the following MI counties: Calhoun, Eaton, Genesee, Ingham, Jackson, Kalamazoo, Kent, Midland, Muskegon, Oakland, Ottawa, Saginaw, St. Clair, Washtenaw.

## 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

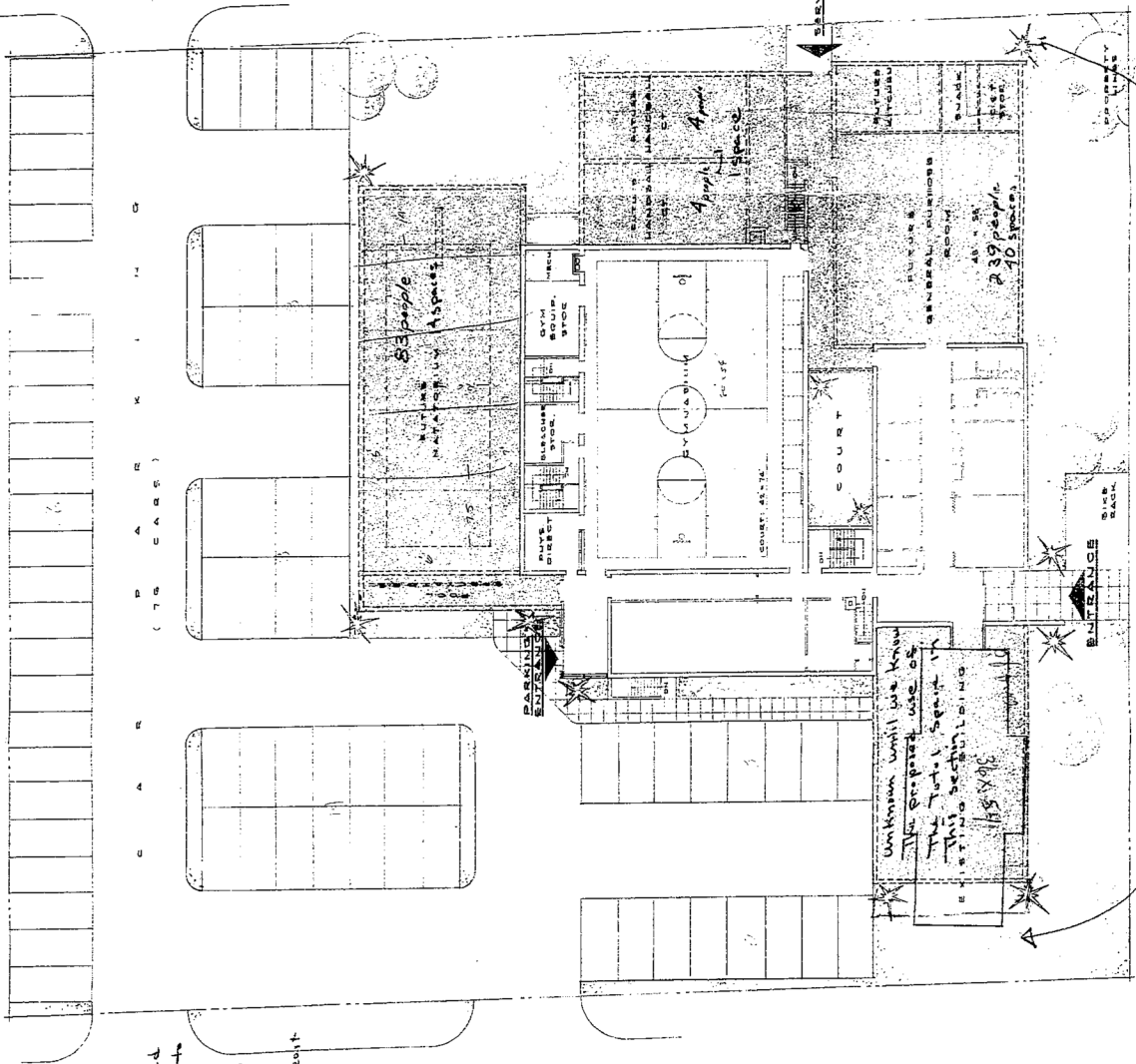
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**APPENDIX E:**

**FILE REVIEW AND INTERVIEW DOCUMENTATION**



1/10/65  
1/11/65  
1/12/65



These Signs Listed below are a rough  
Approximation based on the present ord. and  
on the rough plan & projections. Subject to  
change.

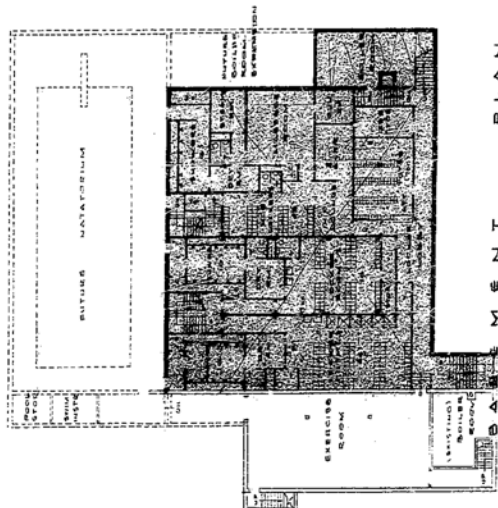
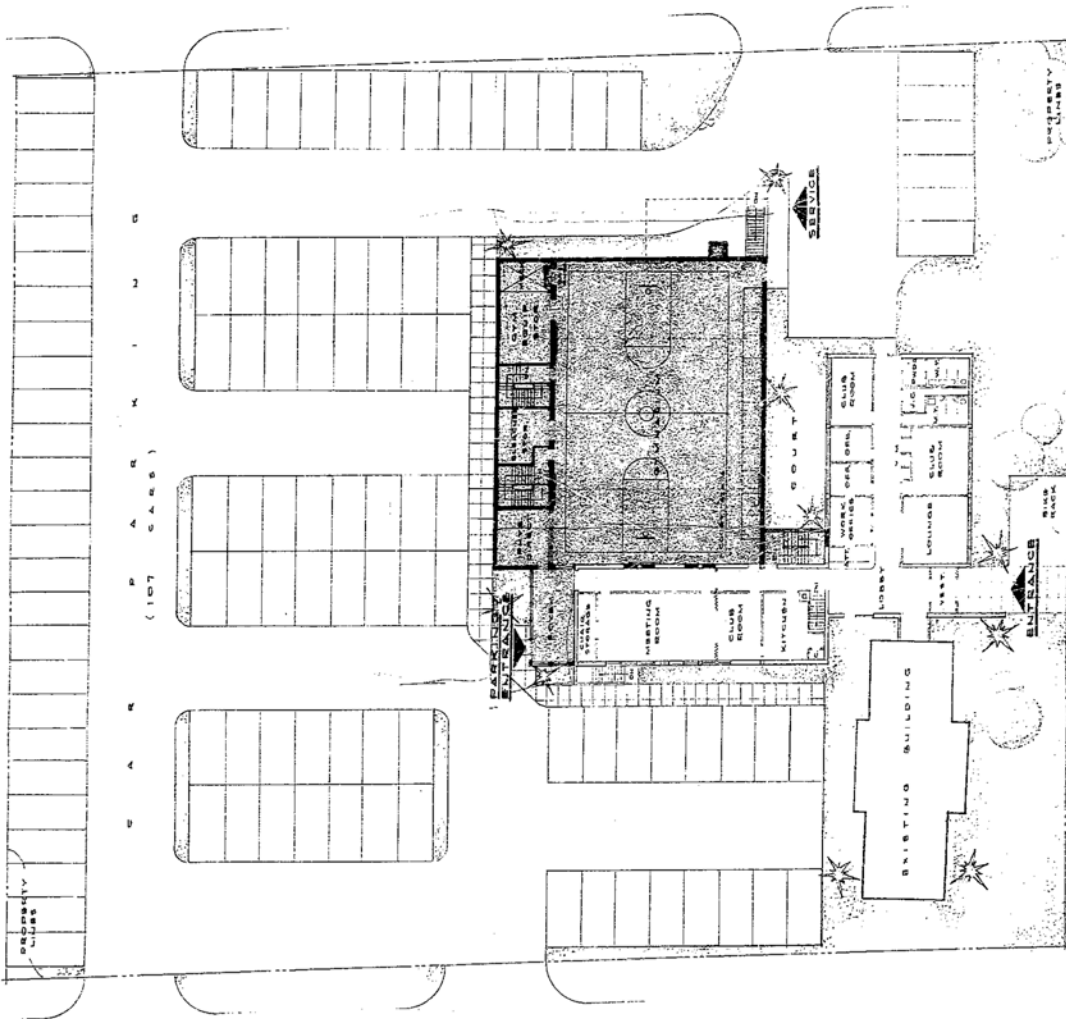
w.e.r. Need 100 spaces for existing  
Jan 10, 65 Plan. 55 spaces  
Plus unknown spaces for northeast  
corner.

BIRMINGHAM		SRAJICH		Y.M.C.A.	
DETROIT		MICHIGAN		DETROIT	
NATIONAL COUNCIL OF Y.M.C.A.'S					
BUILDING AND FURNISHINGS SERVICE					
25 BROADWAY, NEW YORK 7, NEW YORK					
25 O'NEILL ST., SAN FRANCISCO 4, CALIF.					
SCALE	1/8" = 1'-0"	DATE	8-18-64	SHEET No.	102
REVISIONS	DATE BY	BY		OF	3
REMARKS					

Min. Side Yd. Setbacks.  
10' on one side &  
15' on the other.

FIRST FLOOR PLAN  
SHOWING FUTURE ADDITIONS

11/10/21



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

**BIRMINGHAM BRANCH YMCA DETROIT MICHIGAN**

**NATIONAL COUNCIL OF Y.M.C.A.'S BUILDING AND FURNISHINGS SERVICE**

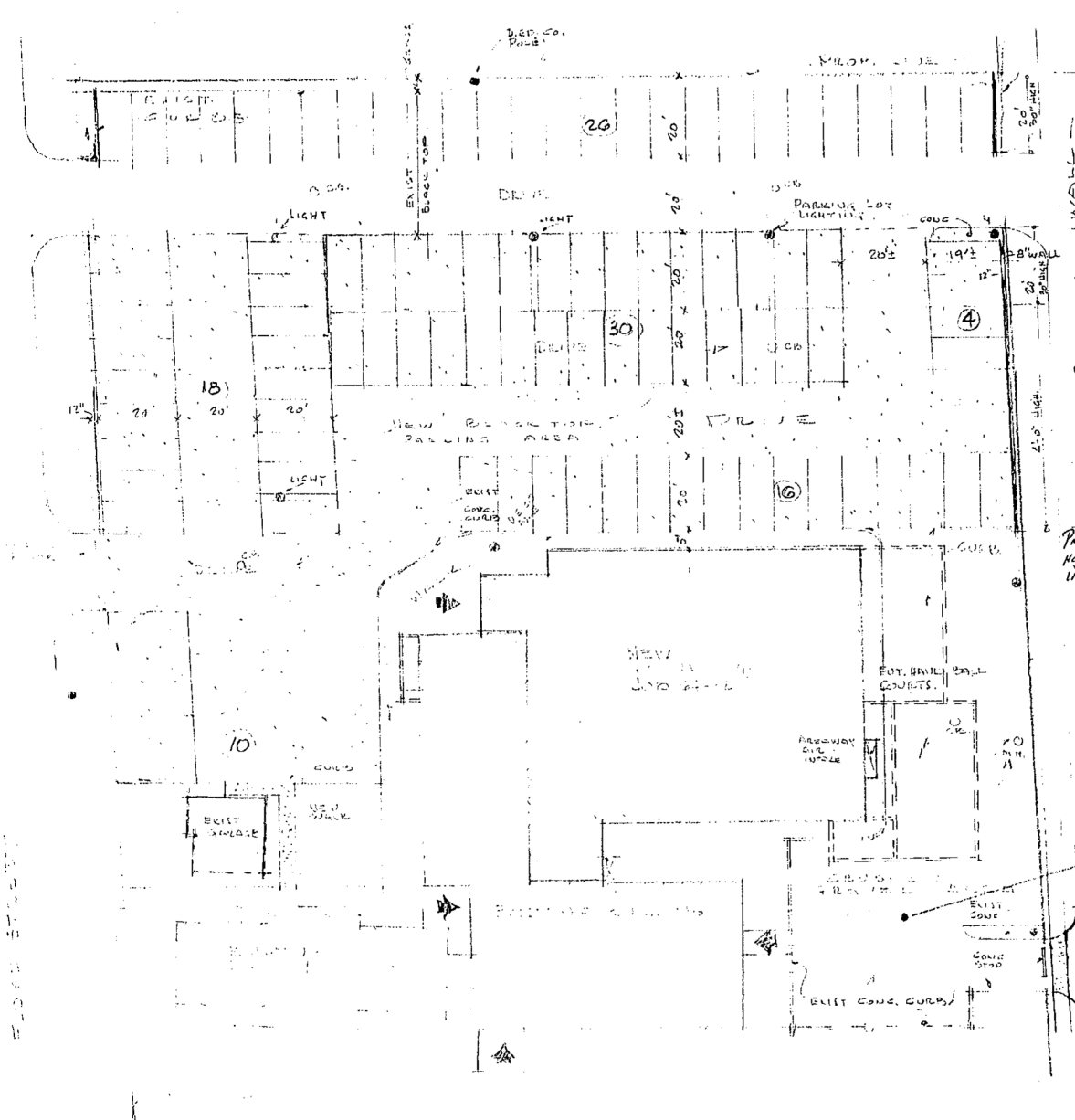
NO.	DATE	BY	DESCRIPTION
1	10/1		
2			

201 BROADWAY NEW YORK, N.Y. 10018  
 15 SOUTH LA SALLE ST. CHICAGO 5, ILLINOIS  
 75 D'ARBELETT ST. SAN FRANCISCO 8, CALIF.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

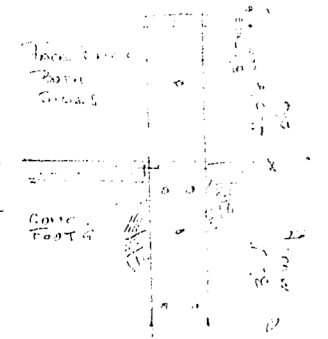




Parking lot lights  
Not more than 12 ft  
in height.

Parking No  
Permitted here  
Unless improved  
and screened

11' 8" Elevation



LEVEL OF  
SOLID BUILT WALL  
BEHIND STREET

Approved -  
Planning - WRB 3/23/66  
Engineer Dept. OK B. Buckley 3/25/66  
Police Dept. OK B. Buckley 3/24/66  
Building Dept. J. B. Sullivan

D. CHINGHAM, INC. CA

**NOTICE**

THIS SET OF PLANS  
MUST BE  
KEPT ON THE JOB AT ALL TIMES,  
AND NO CHANGE OR ALTERA-  
TIONS SHALL BE MADE WITHOUT  
WRITTEN PERMISSION FROM THE  
BUILDING INSPECTOR

MAR. 4 1966

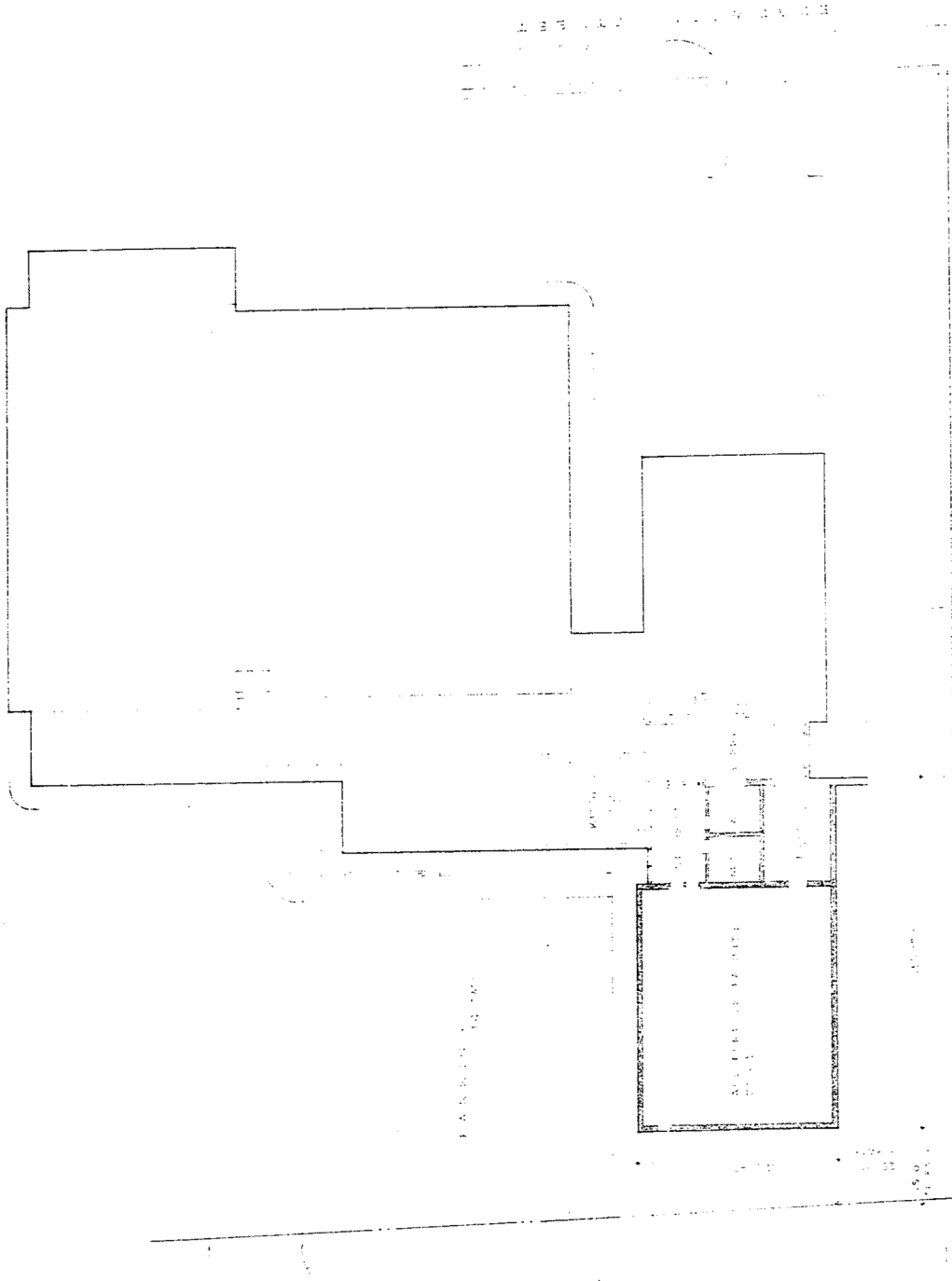








City of Houston  
Bessemer Branch



BIRMINGHAM - ALABAMA

DRIVE & FREIGHT APPROACH  
10/15/71



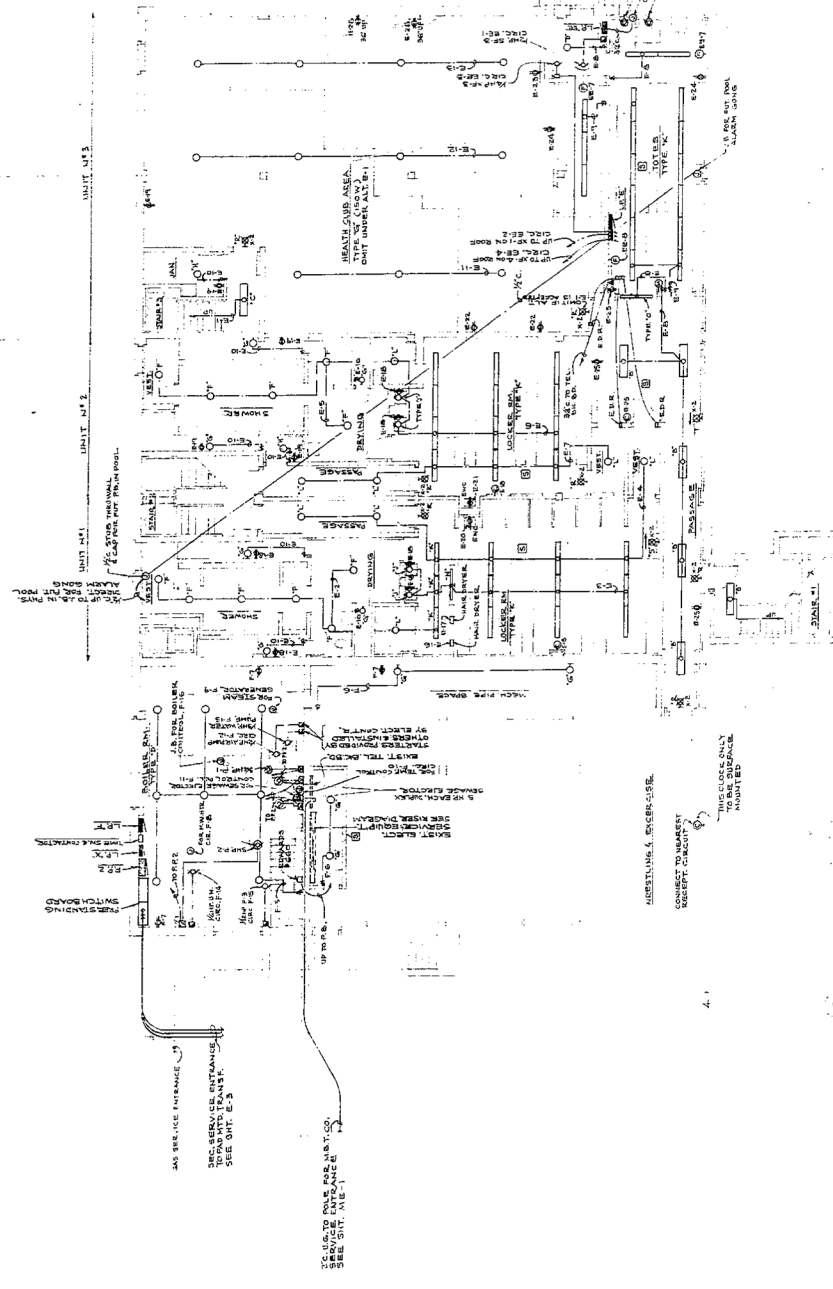
10000 AVENUE

ALL BUILDING FACILITY ATTACHED

SITE PLAN  
SCALE 1/4" = 1'-0"

B | A | A | B | C

A B C D E F G H J K L M N O P Q R S T U V W X Y Z



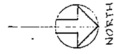
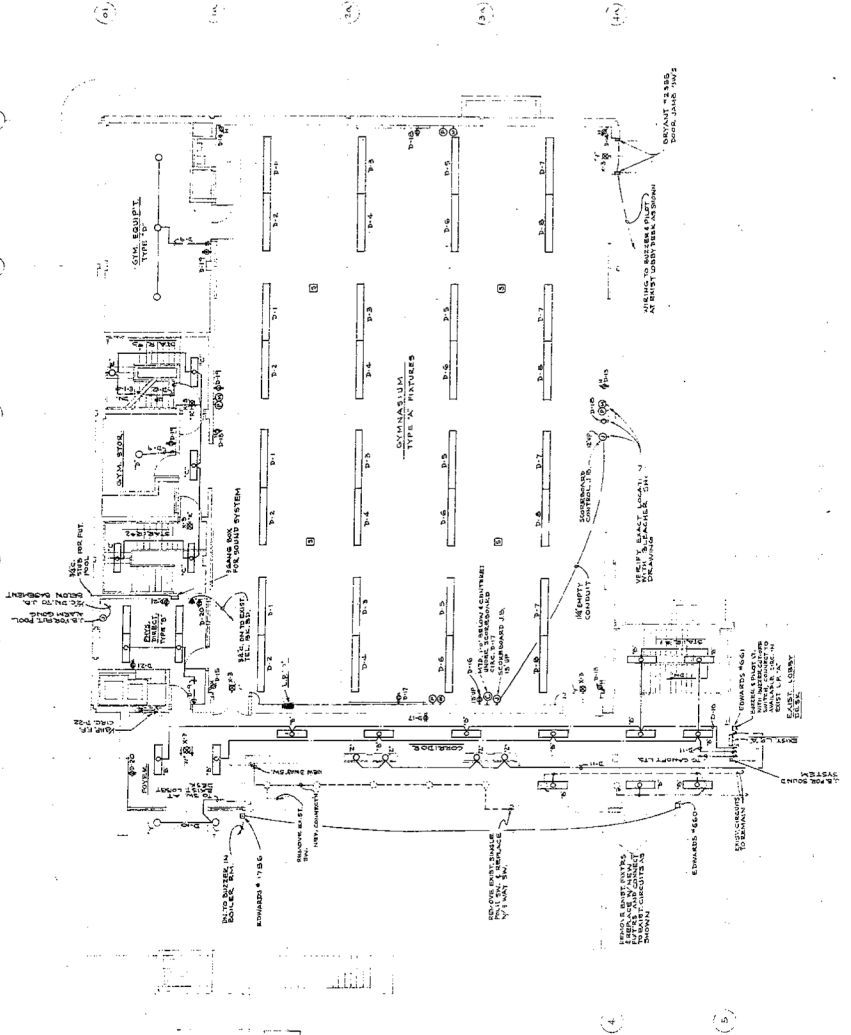
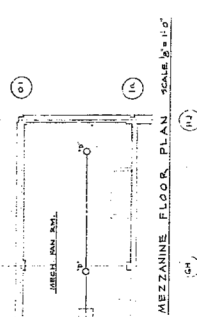
BASEMENT FLOOR PLAN, SCALE 1/8" = 1'-0"

THIS PLAN IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

ISSUED FOR	DATE
BASEMENT FLOOR PLAN	
APPROVAL AND SIGNATURE	
DATE	

**LIGHTING FIXTURE SCHEDULE**

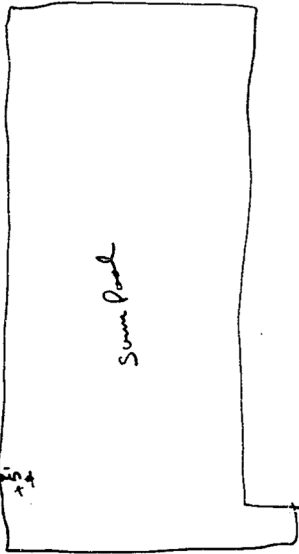
TYPE	QUANTITY	MANUFACTURER	MODEL	WATTAGE	HEIGHT	NOTES
1	1	GENCO	1-1000	100	10'	REPLACEMENT
2	1	GENCO	2-1000	200	10'	REPLACEMENT
3	1	GENCO	3-1000	300	10'	REPLACEMENT
4	1	GENCO	4-1000	400	10'	REPLACEMENT
5	1	GENCO	5-1000	500	10'	REPLACEMENT
6	1	GENCO	6-1000	600	10'	REPLACEMENT
7	1	GENCO	7-1000	700	10'	REPLACEMENT
8	1	GENCO	8-1000	800	10'	REPLACEMENT
9	1	GENCO	9-1000	900	10'	REPLACEMENT
10	1	GENCO	10-1000	1000	10'	REPLACEMENT
11	1	GENCO	11-1000	1100	10'	REPLACEMENT
12	1	GENCO	12-1000	1200	10'	REPLACEMENT
13	1	GENCO	13-1000	1300	10'	REPLACEMENT
14	1	GENCO	14-1000	1400	10'	REPLACEMENT
15	1	GENCO	15-1000	1500	10'	REPLACEMENT
16	1	GENCO	16-1000	1600	10'	REPLACEMENT
17	1	GENCO	17-1000	1700	10'	REPLACEMENT
18	1	GENCO	18-1000	1800	10'	REPLACEMENT
19	1	GENCO	19-1000	1900	10'	REPLACEMENT
20	1	GENCO	20-1000	2000	10'	REPLACEMENT
21	1	GENCO	21-1000	2100	10'	REPLACEMENT
22	1	GENCO	22-1000	2200	10'	REPLACEMENT
23	1	GENCO	23-1000	2300	10'	REPLACEMENT
24	1	GENCO	24-1000	2400	10'	REPLACEMENT
25	1	GENCO	25-1000	2500	10'	REPLACEMENT
26	1	GENCO	26-1000	2600	10'	REPLACEMENT
27	1	GENCO	27-1000	2700	10'	REPLACEMENT
28	1	GENCO	28-1000	2800	10'	REPLACEMENT
29	1	GENCO	29-1000	2900	10'	REPLACEMENT
30	1	GENCO	30-1000	3000	10'	REPLACEMENT
31	1	GENCO	31-1000	3100	10'	REPLACEMENT
32	1	GENCO	32-1000	3200	10'	REPLACEMENT
33	1	GENCO	33-1000	3300	10'	REPLACEMENT
34	1	GENCO	34-1000	3400	10'	REPLACEMENT
35	1	GENCO	35-1000	3500	10'	REPLACEMENT
36	1	GENCO	36-1000	3600	10'	REPLACEMENT
37	1	GENCO	37-1000	3700	10'	REPLACEMENT
38	1	GENCO	38-1000	3800	10'	REPLACEMENT
39	1	GENCO	39-1000	3900	10'	REPLACEMENT
40	1	GENCO	40-1000	4000	10'	REPLACEMENT
41	1	GENCO	41-1000	4100	10'	REPLACEMENT
42	1	GENCO	42-1000	4200	10'	REPLACEMENT
43	1	GENCO	43-1000	4300	10'	REPLACEMENT
44	1	GENCO	44-1000	4400	10'	REPLACEMENT
45	1	GENCO	45-1000	4500	10'	REPLACEMENT
46	1	GENCO	46-1000	4600	10'	REPLACEMENT
47	1	GENCO	47-1000	4700	10'	REPLACEMENT
48	1	GENCO	48-1000	4800	10'	REPLACEMENT
49	1	GENCO	49-1000	4900	10'	REPLACEMENT
50	1	GENCO	50-1000	5000	10'	REPLACEMENT



FIRST FLOOR PLAN SCALE 1/8"

NOT TO SCALE  
FOR INFORMATION ONLY  
SEE DRAWING FOR DETAILS





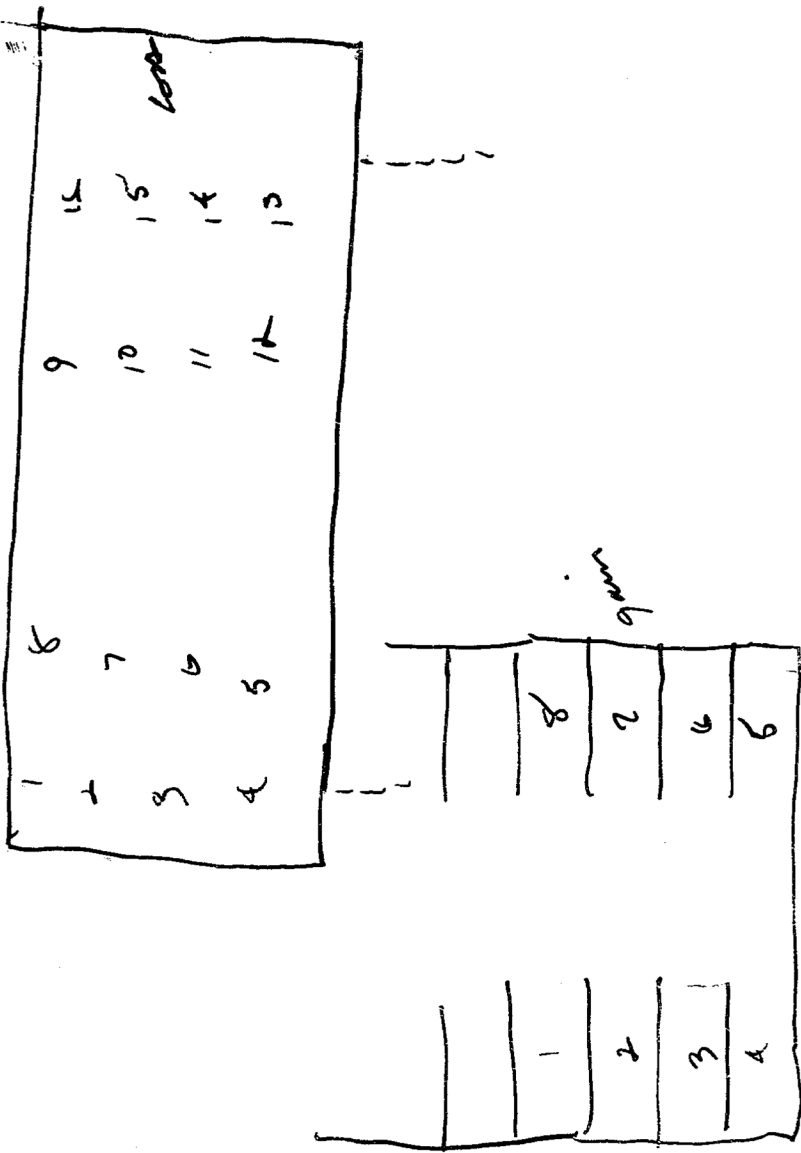
→ 4 handball ct = 2 sp.

out

out

Multipurpose  
under grid with ph.  
alone.  
40  
~~30~~ x 60

27 apr 00  
6,000  
15,000.00  
76  
96



$$\begin{array}{r} 22x \\ 70 \\ \hline 1540 \end{array}$$

$$\begin{array}{r} 40 \\ 60 \\ \hline 2400 \end{array}$$

20000 PPA

2000 151





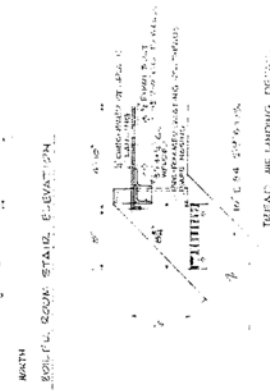
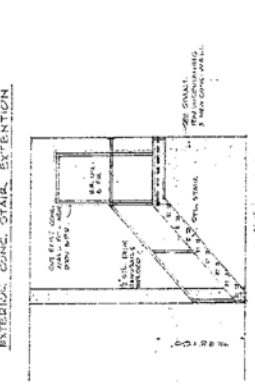
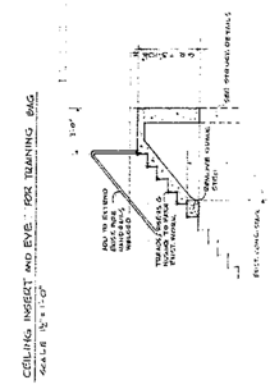
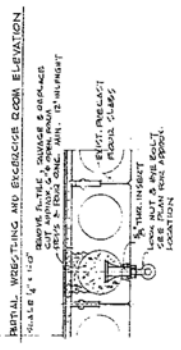
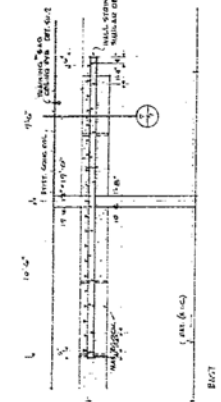
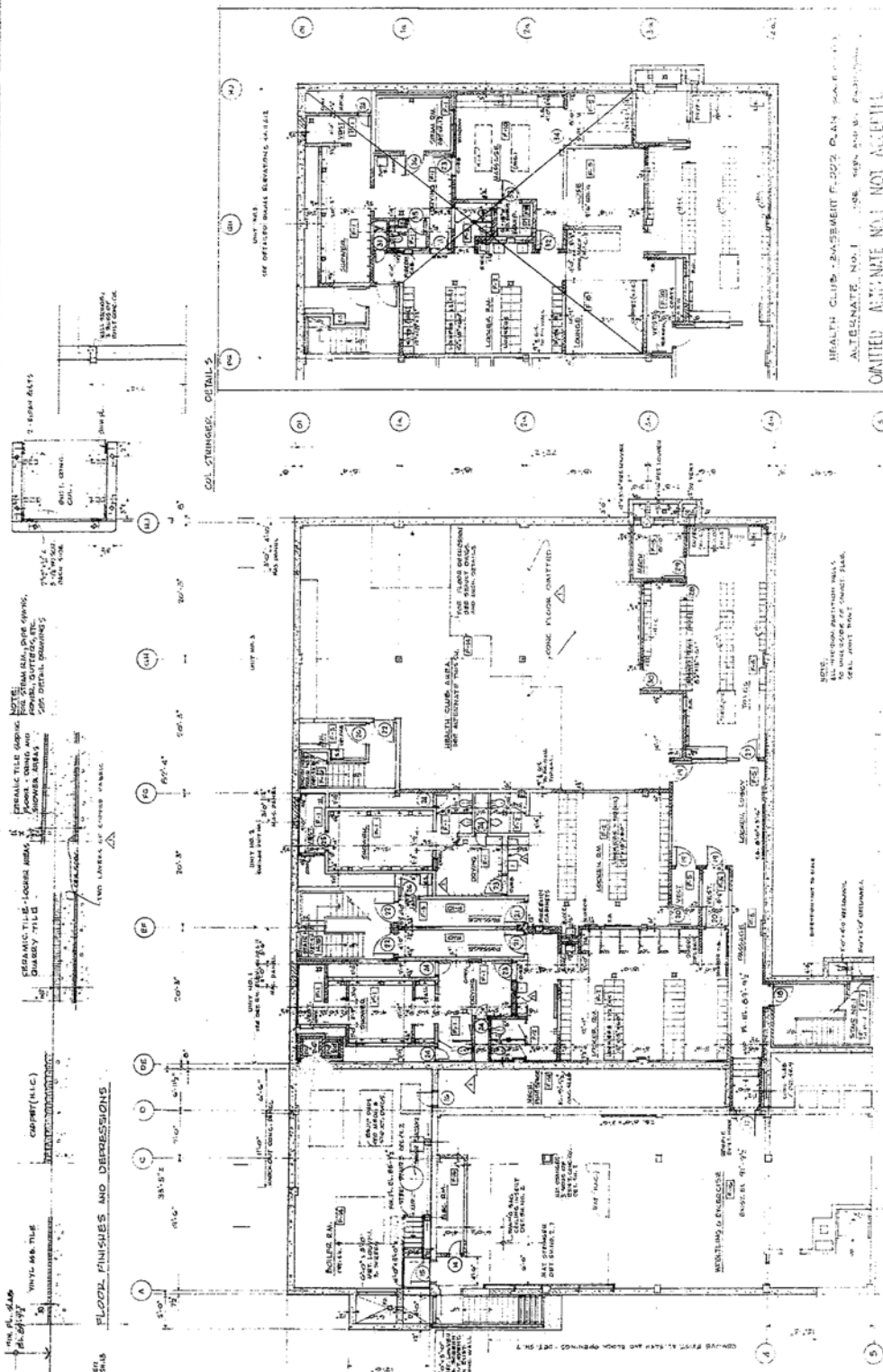


CONSTRUCTION SIDS	DATE
REVISIONS	
NO.	DATE
1	
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HEALTH CLUB BASEMENT FLOOR PLAN SCALE 1/8" = 1'-0"  
 ALTERNATE NO. 1  
 UNITED ASSOCIATE NOT ASSOCIATE

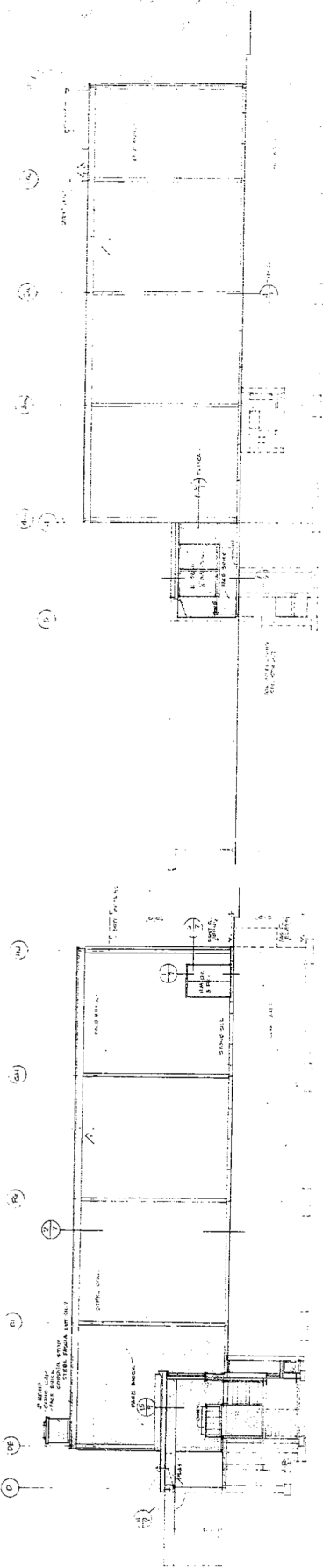


BASEMENT FLOOR PLAN SCALE 1/8" = 1'-0"  
 [P-1] Floor of Health Club



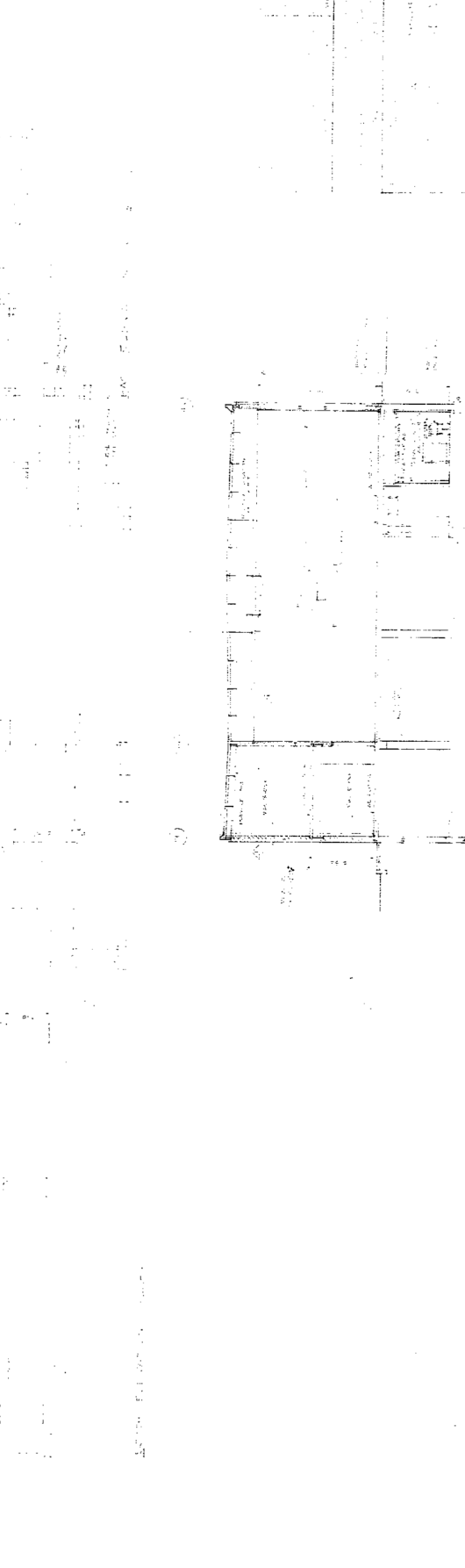
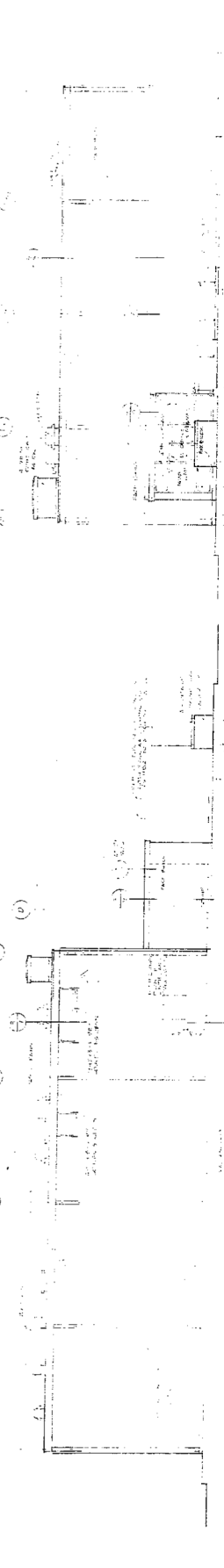






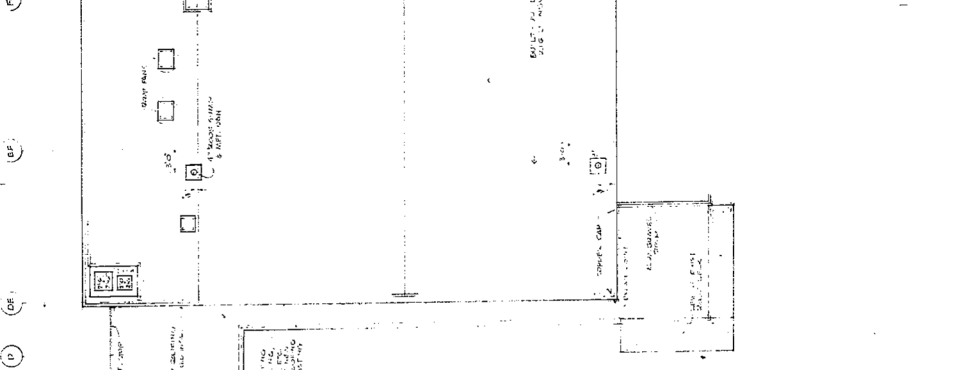
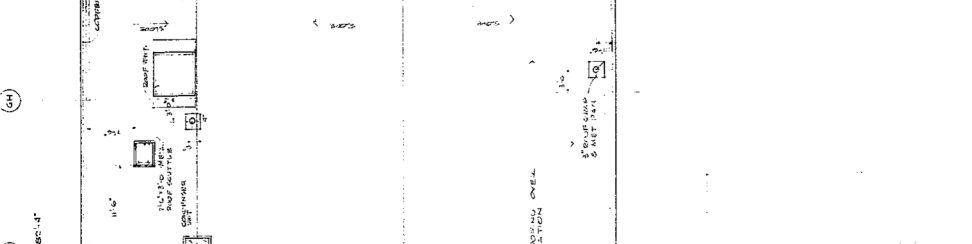
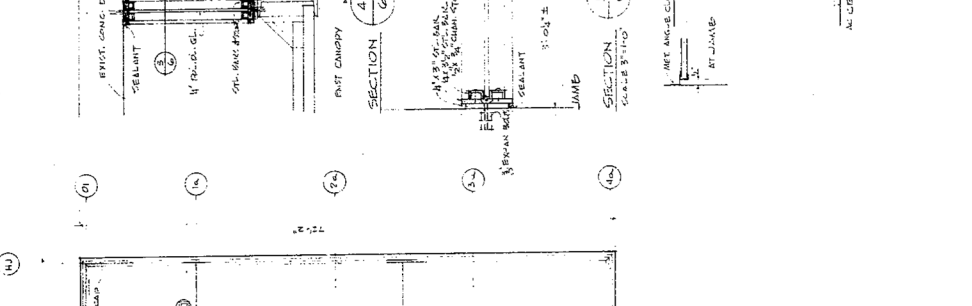
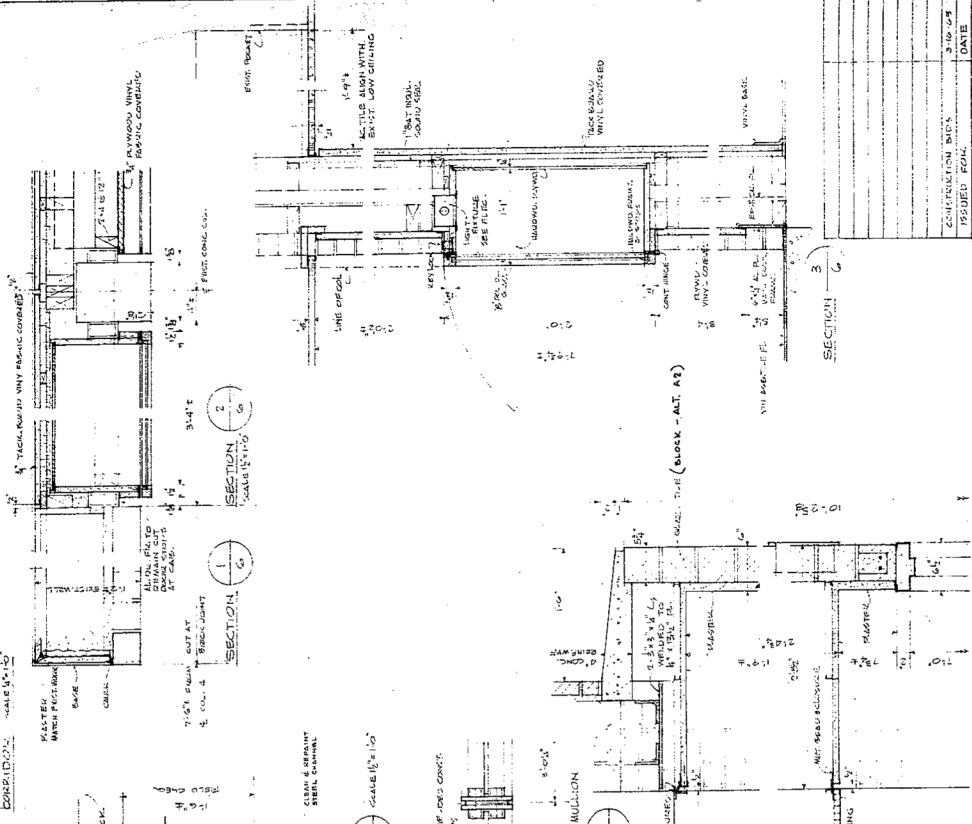
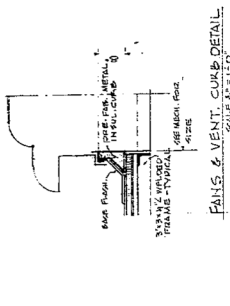
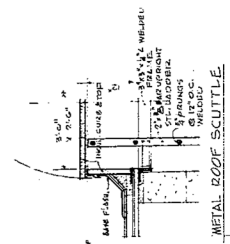
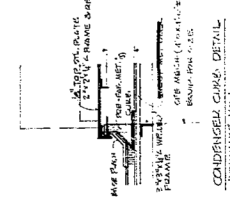
WEST ELEVATION

NORTH ELEVATION

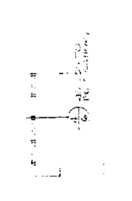
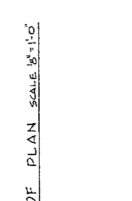
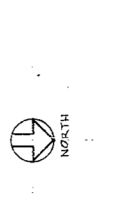
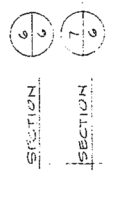
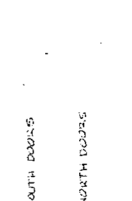


SOUTH ELEVATION

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14



ISSUED FOR	DATE
CONSTRUCTION	
ROOF PLAN AND DETAILS ADDITIONAL ALTERATIONS Y.M.C.A. BIRMINGHAM, ALABAMA 64-12 DENVER ASSOCIATES, INC.	

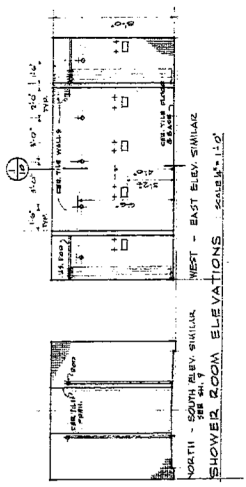




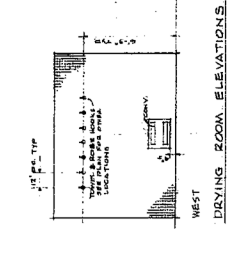




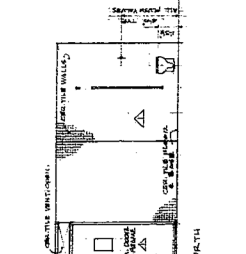




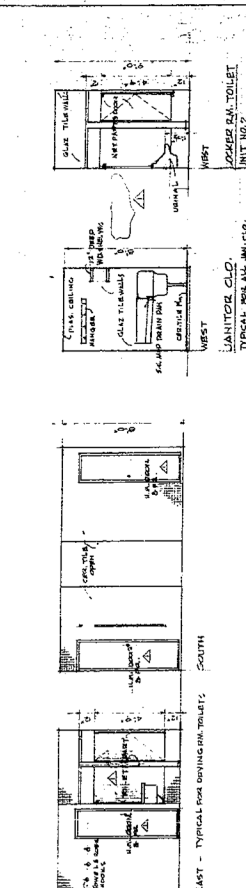
SHOWER ROOM ELEVATIONS  
SCALE 1/4" = 1'-0"



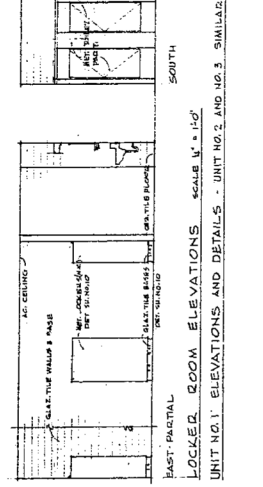
DRYING ROOM ELEVATIONS  
SCALE 1/4" = 1'-0"



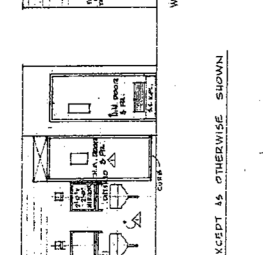
LOCKER ROOM ELEVATIONS  
SCALE 1/4" = 1'-0"



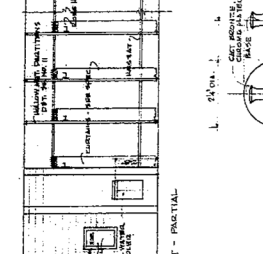
TOILET ROOM ELEVATIONS  
SCALE 1/4" = 1'-0"



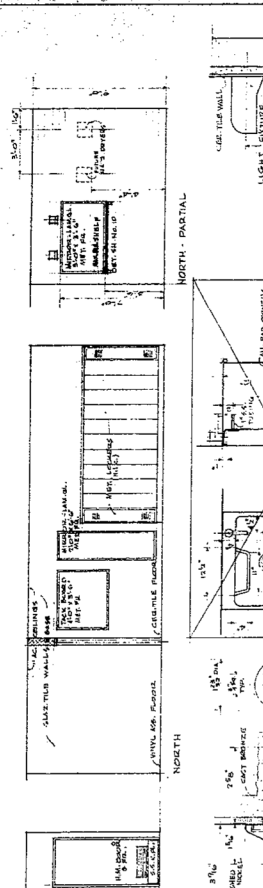
SHOWER ROOM DETAILS  
SCALE 1/2" = 1'-0"



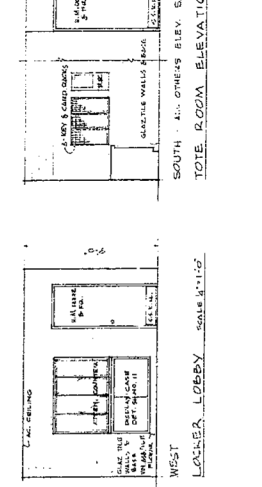
SHOWER GUTTER DETAILS  
SCALE 1/2" = 1'-0"



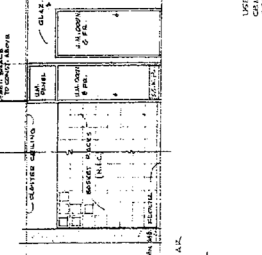
LOCKER ROOM DETAILS  
SCALE 1/2" = 1'-0"



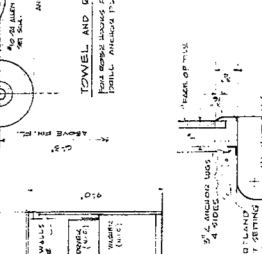
TOILET ROOM DETAILS  
SCALE 1/2" = 1'-0"



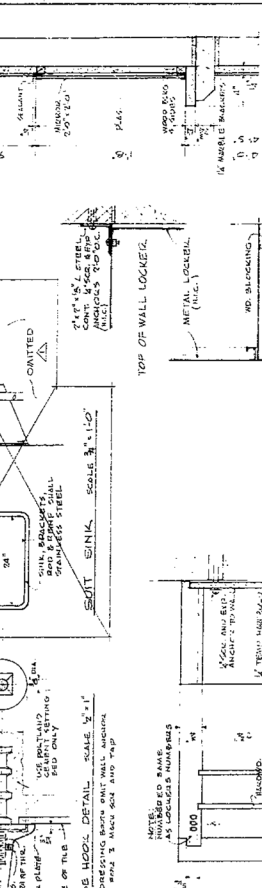
LOCKER LOBBY  
SCALE 1/2" = 1'-0"



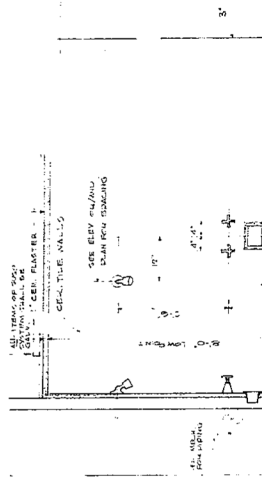
TOILET ROOM ELEVATION  
SCALE 1/2" = 1'-0"



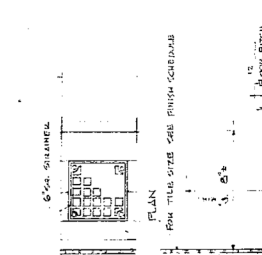
TOWEL AND PANS HOOD DETAIL  
SCALE 1/2" = 1'-0"



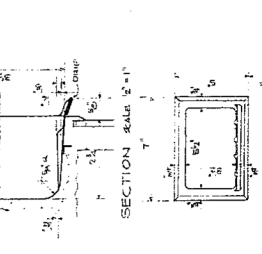
NORTH - PARTIAL  
SOUTH - PARTIAL  
SCALE 1/2" = 1'-0"



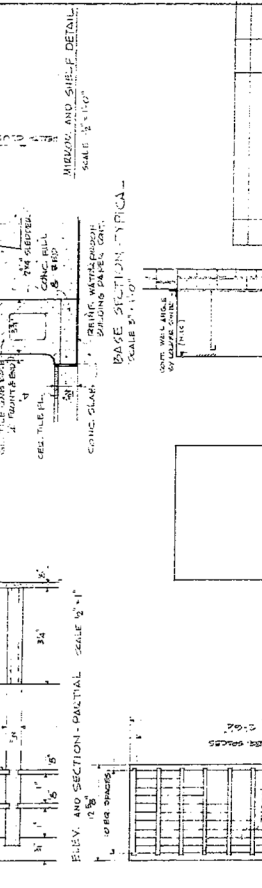
SOAP DISH FOR SHOWER R.M.  
SCALE 1/2" = 1'-0"



KEY AND CARD RACK DETAILS  
SCALE 1/2" = 1'-0"



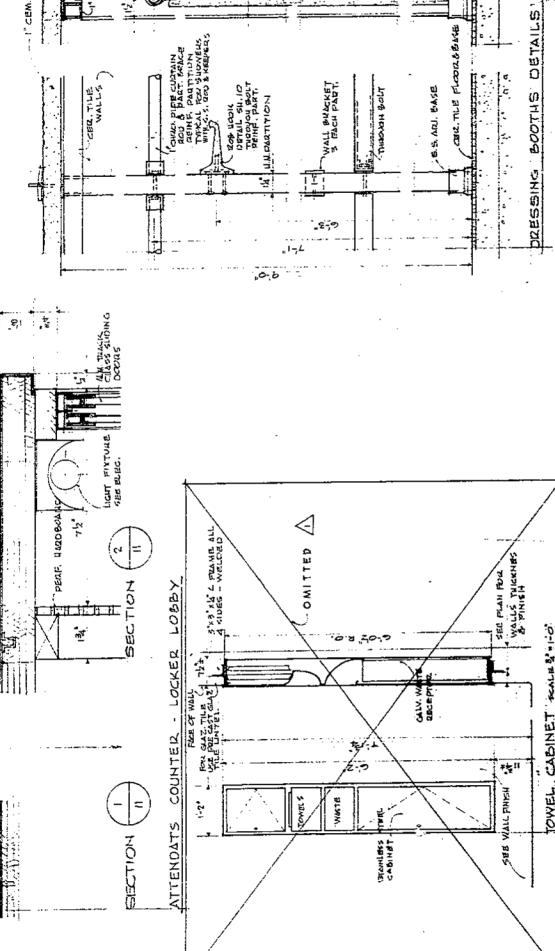
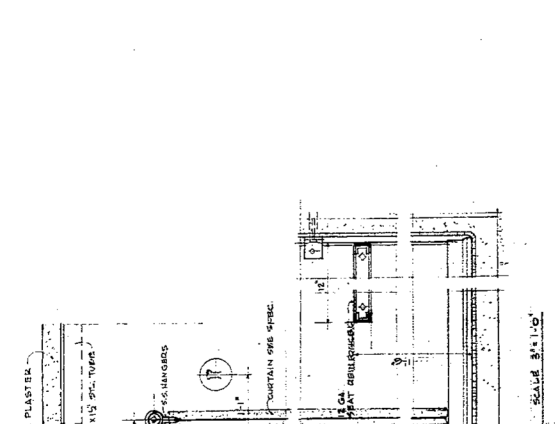
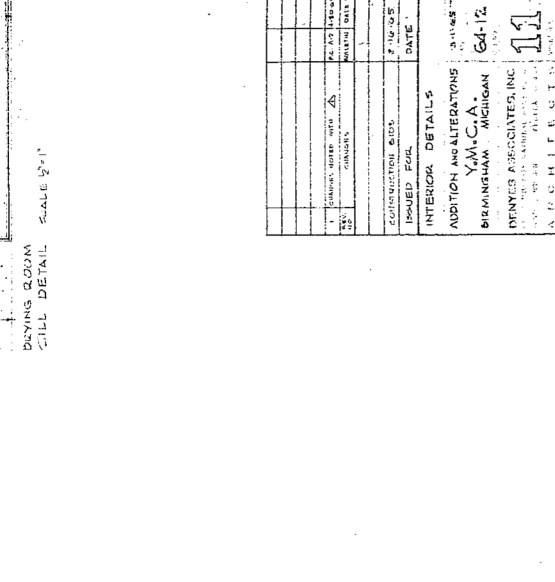
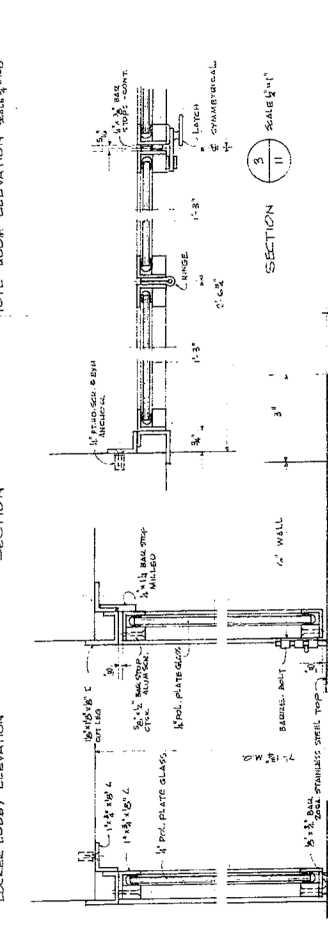
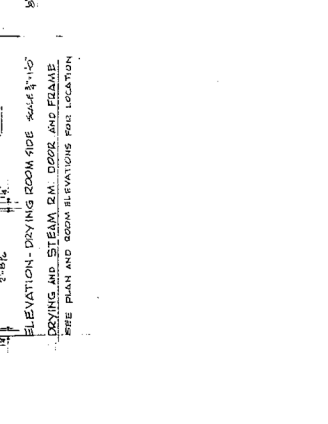
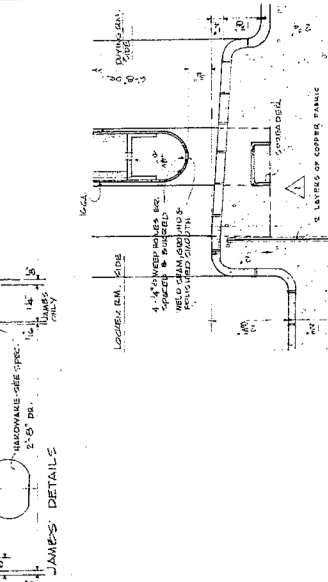
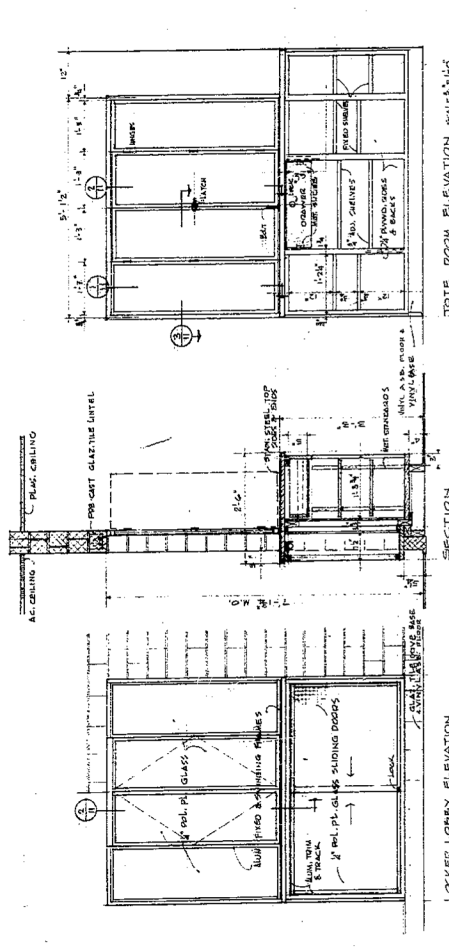
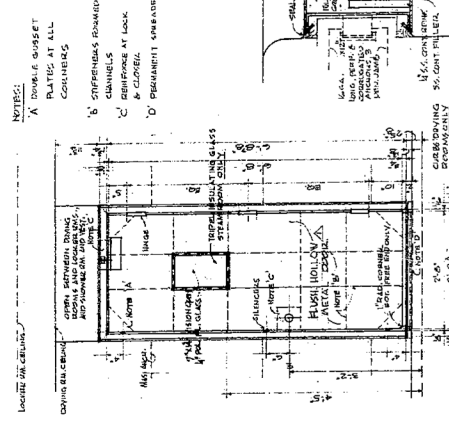
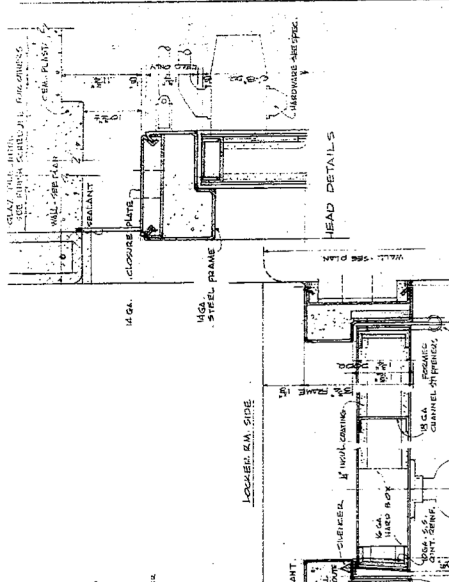
LOCKER AND RACK DETAILS  
SCALE 1/2" = 1'-0"



WALL LOCKERS  
SCALE 1/2" = 1'-0"

NO.	DESCRIPTION	DATE	BY	CHECKED
1	COMPLETE SET	11-15-57	J. W. BROWN	J. W. BROWN
2	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
3	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
4	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
5	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
6	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
7	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
8	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
9	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN
10	REVISIONS	11-15-57	J. W. BROWN	J. W. BROWN

REVISIONS AND DETAILS  
ADDITION AND ALTERATIONS, 1-11-58  
J. W. BROWN  
ARCHITECT  
401-12  
11

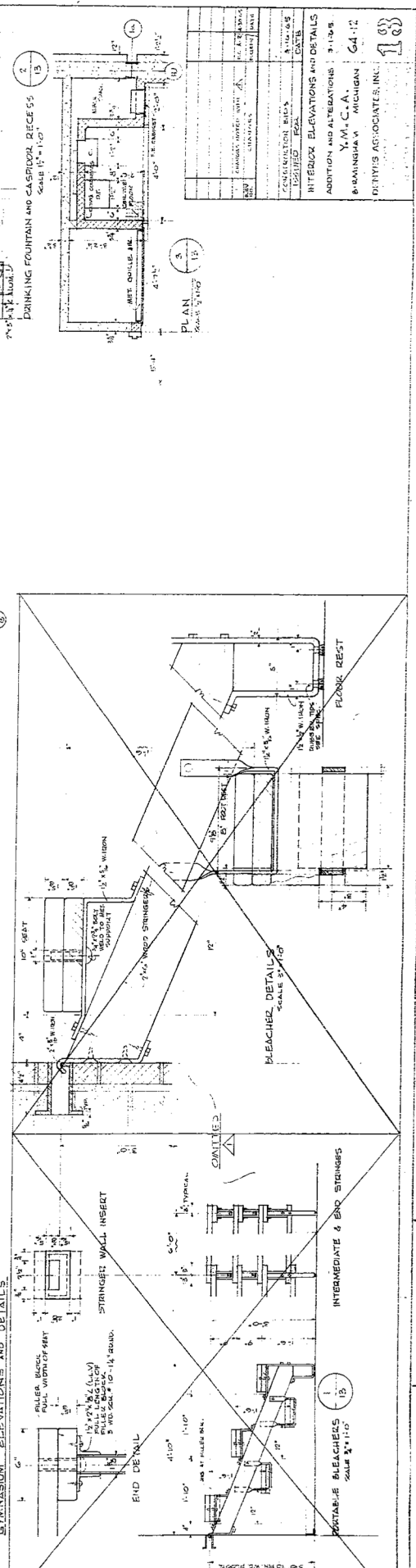
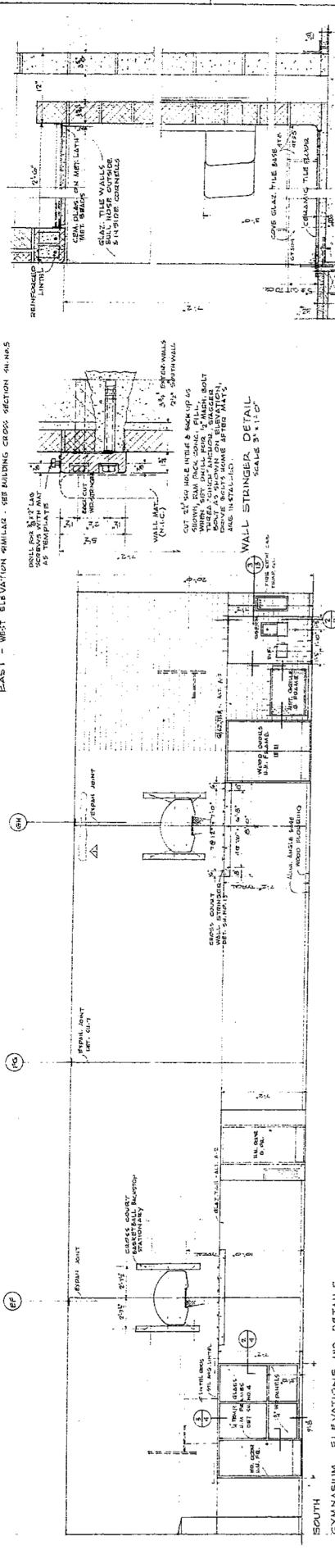
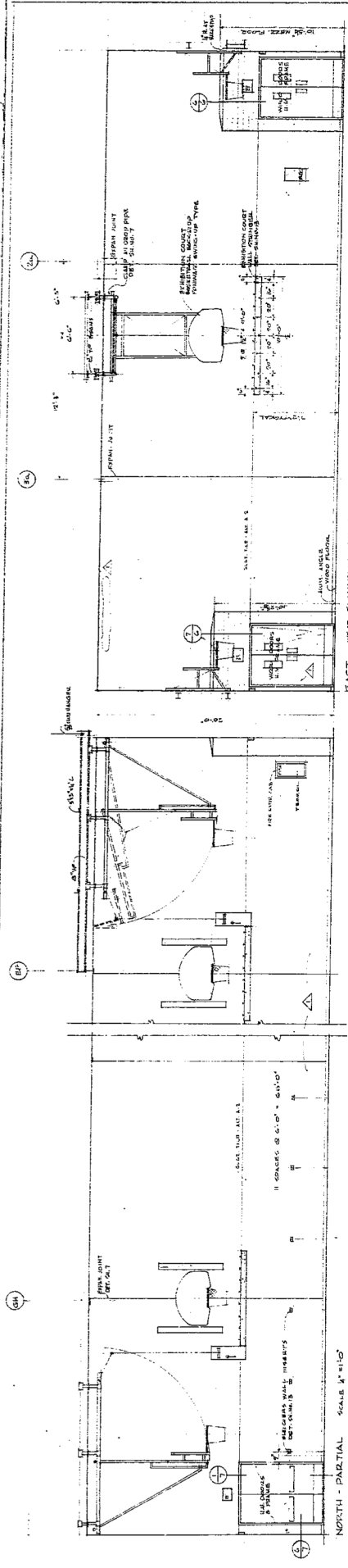


NO.	REVISION	DATE
1	ISSUED FOR CONSTRUCTION	6-12-12
2	ISSUED FOR CONSTRUCTION	6-12-12
3	ISSUED FOR CONSTRUCTION	6-12-12
4	ISSUED FOR CONSTRUCTION	6-12-12
5	ISSUED FOR CONSTRUCTION	6-12-12
6	ISSUED FOR CONSTRUCTION	6-12-12
7	ISSUED FOR CONSTRUCTION	6-12-12
8	ISSUED FOR CONSTRUCTION	6-12-12
9	ISSUED FOR CONSTRUCTION	6-12-12
10	ISSUED FOR CONSTRUCTION	6-12-12

INTERIOR DETAILS  
 ADDITION AND ALTERATIONS  
 Y.M.C.A.  
 BIRMINGHAM, MICHIGAN  
 WENKES ASSOCIATES, INC.  
 ARCHITECTS



DESIGNED BY	Y. M. C. A.
DATE	6-4-12
PROJECT	SYNASIUM
LOCATION	MICHIGAN
ENGINEER	DETWIS ASSOCIATES, INC.



INTERMEDIATE & END STRINGERS

PORTABLE BLEACHERS SCALE 3/8" = 1'-0"

DRINKING FOUNTAIN AND CASPIOR, RECESSED SCALE 1 1/2" = 1'-0"

SYNASIUM ELEVATIONS AND DETAILS

ADDITION AND ALTERATIONS: 3-15-12

Y. M. C. A. MICHIGAN

DETWIS ASSOCIATES, INC.









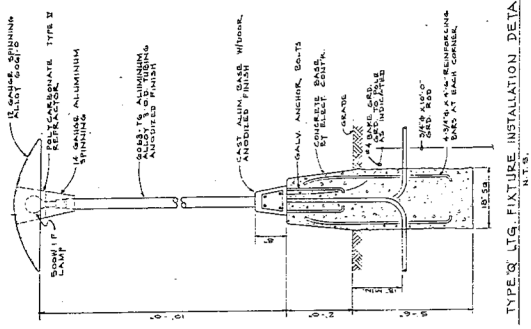




FOR THE ENGINEER  
CONSULTING ELECTRICAL ENGINEERS  
1000 MARKET STREET  
SAN FRANCISCO, CALIF. 94102

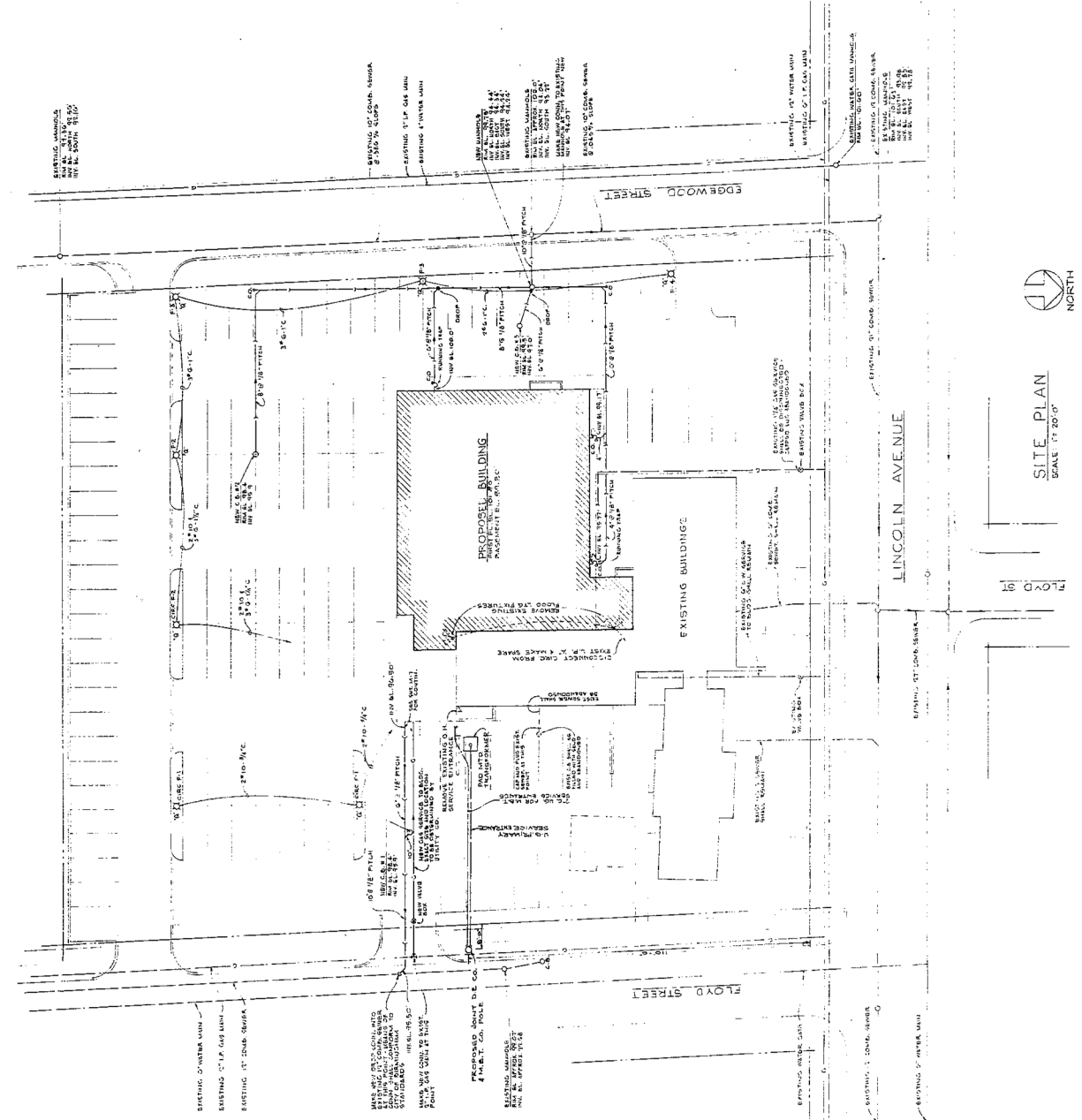
ISSUED FOR DATE  
SITE PLAN - MECH. ELECT.  
ADDITION AND ALTERATION  
Y.M. C.A. 6-4-12  
BIRMINGHAM, ALABAMA

3-11-45  
6-4-12  
ME-1  
OF 7



**ELECTRICAL SYMBOL LIST**

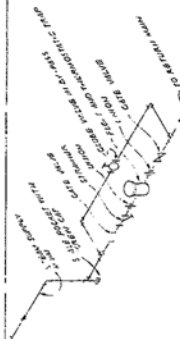
SYMBOL	DESCRIPTION
○	INCANDESCENT LIG. FIXTURE AT GLA
○	INCANDESCENT LIG. FIXTURE AT WALL
○	EXIT LITE
○	FLUORESCENT LIG. FIXTURE
○	SINGLE POLE SWITCH
○	THREE WAY SWITCH
○	POUL WAY SWITCH
○	SWITCH RECEPTACLE
○	FLOOR FLOOR RECEPTACLE
○	JUNCTION BOX
○	SINGLE PHASE MOTOR
○	THREE PHASE MOTOR
○	SINGLE PHASE STARTER
○	THREE PHASE STARTER
○	DISCONNECT SWITCH
○	CLOCK, 70 GAUGE FLOOR, EXCEPT AS NOTED
○	TELEPHONE OUTLET
○	SPEAKER
○	MICROPHONE OUTLET
○	PROJECTOR OUTLET
○	PUSH BUTTON
○	Buzzer
○	TYPE "A" LIGHTING FIXTURE
○	CIRCUIT NO. 1, LIGHTING PANEL "B"
○	KEY OPERATED
○	PLIST LITE
○	WEATHER-PROOF
○	OUTLET RECEPT. INT. IN WALL, IN WALL, CLOS.
○	ELECTRIC WATER CLOSET
○	ELECTRIC SWER. SINK, SINK, SHOWER, SHOWER-TUB
○	PAN HOOKS, 1/2" ABOVE FLOOR



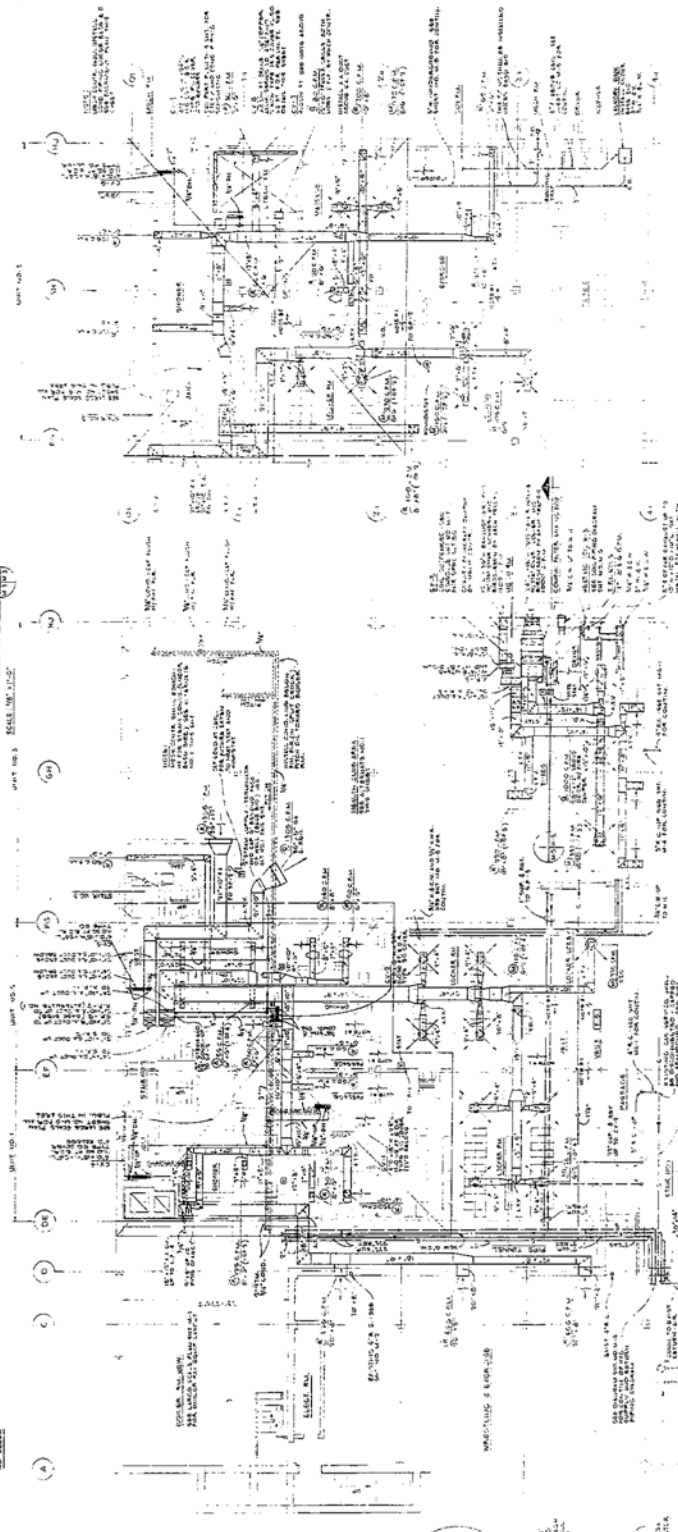
**SITE PLAN**  
SCALE 1/8" = 1'-0"



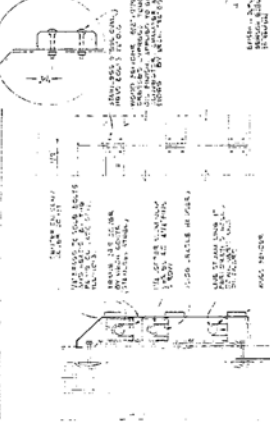
**TYPICAL LOW-PRESSURE STEAM DRIP**



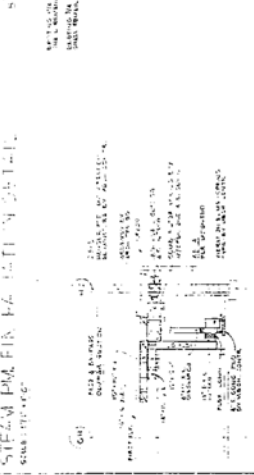
**SECTION**



**PART PLAN STEAM RIM PIPING  
SCHEMATIC ALTERNATE**



**STEAM RIM PIPING SECTION**



**SECTION**

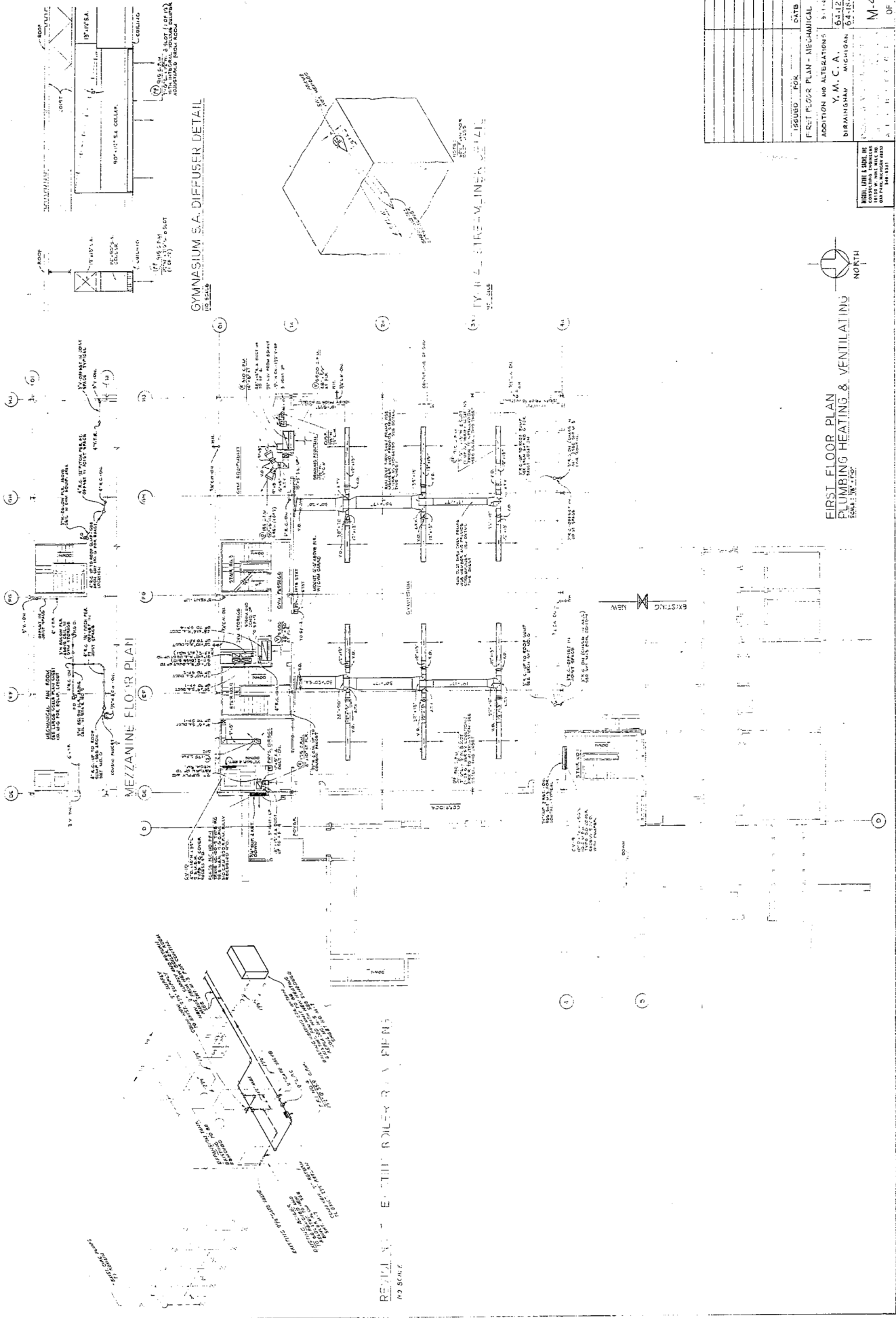


**BASEMENT FLOOR PLAN  
PLUMBING HEATING & VENTILATION  
BASE BID**

BASEMENT FLOOR PLAN - MECHANICAL  
PLUMBING HEATING & VENTILATION  
SCALE: 1/8" = 1'-0"  
DATE: 10/15/66

ISSUED	DATE
BASEMENT FLOOR PLAN - MECHANICAL	10/15/66
REVISIONS AND ALTERATIONS	10/15/66
Y. M. C. A.	10/15/66
BRANSON	10/15/66
M-3	OF 7

FOR THE ARCHITECT  
Y. M. C. A.  
BRANSON, MISSOURI



FIRST FLOOR PLAN  
PLUMBING HEATING & VENTILATING



TYLER STEELMINERS, INC.  
MEMPHIS, TENN.

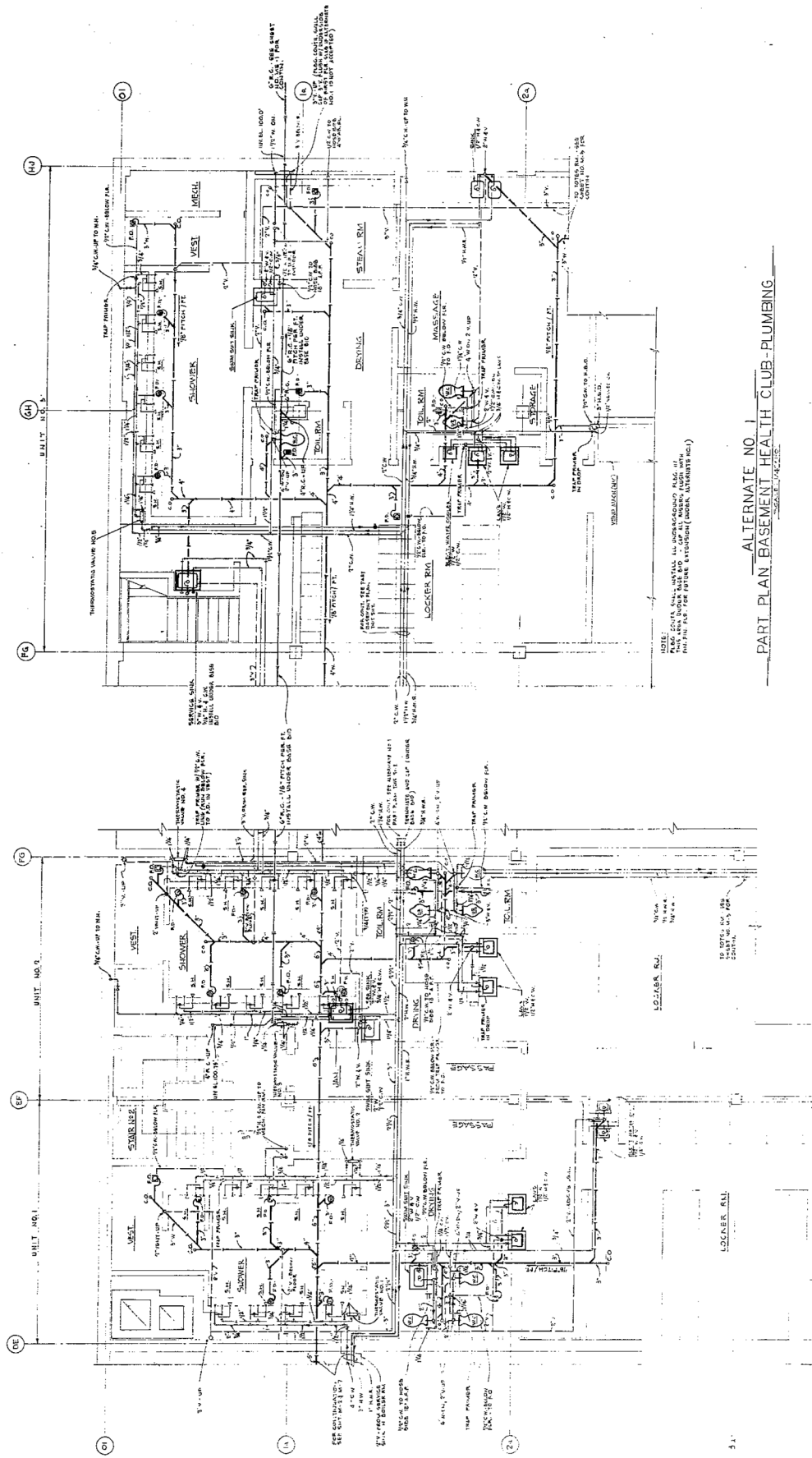
GYMNASIUM S.A. DIFFUSER DETAIL  
1/8" SCALE

RETURN AIR DUCT DETAIL  
1/8" SCALE

DESIGNED BY	DATE
CHECKED BY	DATE
FIRST FLOOR PLAN - MECHANICAL	
ADDITIONAL ALTERATIONS	
Y. M. C. A.	3-1-58
BIRMINGHAM, MICHIGAN	64-12-18
PROJECT NO. 100-100-100	
SHEET NO. 100-100-100-1	
OF 7	

FOR THE ARCHITECT  
Y. M. C. A.  
100-100-100-100  
BIRMINGHAM, MICHIGAN

A A A A B B C C D



ALTERNATE NO. 1  
 PART PLAN, BASEMENT HEALTH CLUB - PLUMBING

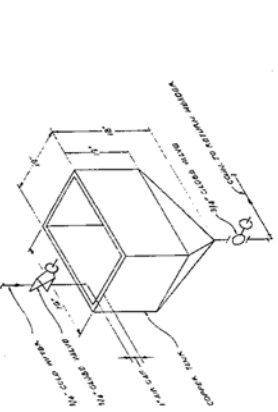
PART PLAN BASEMENT SHOWER & TOILET ROOMS - PLUMBING  
 BASE BID  
 SCALE: 1/4" = 1'-0"

NOTE:  
 1. ALL SIZES ARE IN INCHES UNLESS OTHERWISE NOTED.  
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.  
 3. ALL WORK IS TO BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE PLUMBING CODE AND ALL APPLICABLE LOCAL ORDINANCES.

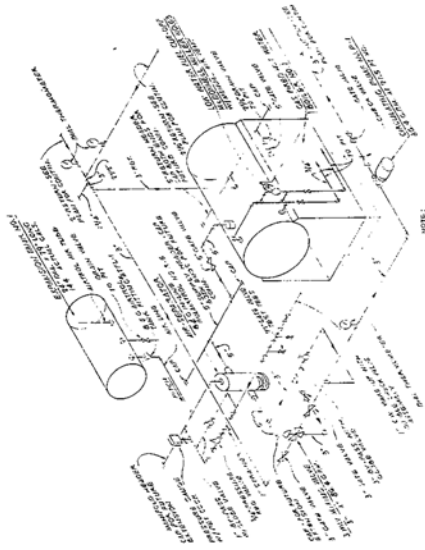
ISSUED FOR	DATE
PLUMBING PLAN - BASEMENT LOCKER	5-1-06
ADDITION AND ALTERATIONS	6-4-12
BIRMINGHAM	MICHIGAN
M-5	OF 7

ENGINEER & ARCHT. INC.  
 1000 17TH AVENUE S.W.  
 BIRMINGHAM, ALABAMA 35202  
 PHONE 938-1100





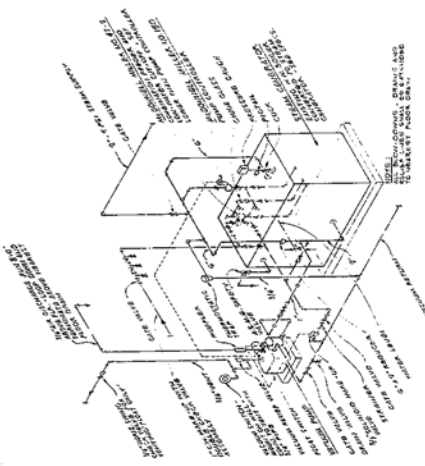
**BOILER COMPOUND FEEDER DIAGRAM**  
1/2" SCALE



**BOILER PIPING DIA-GRAM**  
1/2" SCALE

**HYDROCELL INDICATOR SCHEDULE**

ITEM NO.	DESCRIPTION	SIZE	QTY	UNIT	REMARKS
101	HYDROCELL INDICATOR	1/2"	1	EA	
102	PIPE	1/2"	10	LF	
103	VALVE	1/2"	1	EA	
104	FLANGE	1/2"	2	EA	
105	WELDING				



**STEAM GENERATOR PIPING DIAGRAM**  
1/2" SCALE



**WATER HEATER PIPING DIA-GRAM**  
1/2" SCALE

**ROOF TYPE EXHAUST FANS - DETAILS**

ITEM NO.	DESCRIPTION	SIZE	QTY	UNIT	REMARKS
101	ROOF TYPE EXHAUST FAN	18"	1	EA	
102	PIPE	18"	10	LF	
103	VALVE	18"	1	EA	
104	FLANGE	18"	2	EA	
105	WELDING				

**SUPPLY FAN SCHEDULE**

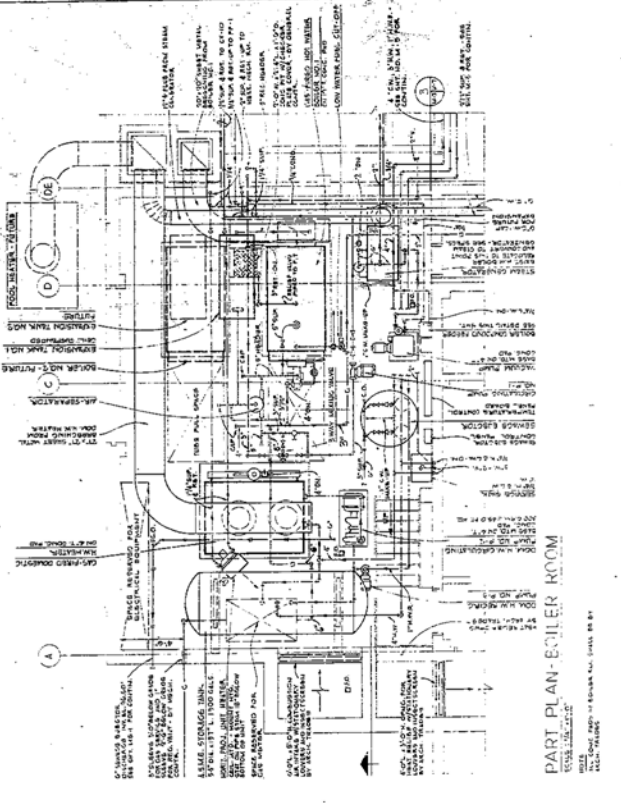
ITEM NO.	DESCRIPTION	SIZE	QTY	UNIT	REMARKS
101	SUPPLY FAN	18"	1	EA	
102	PIPE	18"	10	LF	
103	VALVE	18"	1	EA	
104	FLANGE	18"	2	EA	
105	WELDING				

**HEATING COIL SCHEDULE (210 F. E.W.T.)**

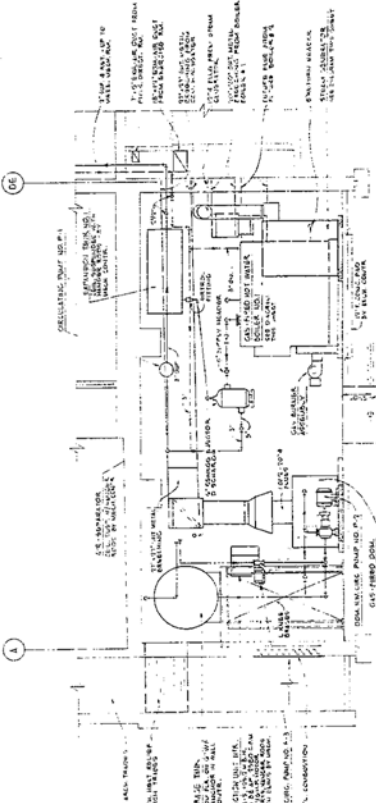
ITEM NO.	DESCRIPTION	SIZE	QTY	UNIT	REMARKS
101	HEATING COIL	18"	1	EA	
102	PIPE	18"	10	LF	
103	VALVE	18"	1	EA	
104	FLANGE	18"	2	EA	
105	WELDING				

**COOLING COIL SCHEDULE**

ITEM NO.	DESCRIPTION	SIZE	QTY	UNIT	REMARKS
101	COOLING COIL	18"	1	EA	
102	PIPE	18"	10	LF	
103	VALVE	18"	1	EA	
104	FLANGE	18"	2	EA	
105	WELDING				



**PART PLAN-BOILER ROOM**  
1/2" SCALE



**SECTION**  
1/2" SCALE

**REVISIONS**

NO.	DATE	DESCRIPTION
1	10/1/50	ISSUED FOR CONSTRUCTION
2	10/15/50	REVISED TO SHOW CHANGES
3	10/20/50	REVISED TO SHOW CHANGES
4	10/25/50	REVISED TO SHOW CHANGES
5	11/1/50	REVISED TO SHOW CHANGES
6	11/15/50	REVISED TO SHOW CHANGES
7	11/20/50	REVISED TO SHOW CHANGES
8	11/25/50	REVISED TO SHOW CHANGES
9	12/1/50	REVISED TO SHOW CHANGES
10	12/15/50	REVISED TO SHOW CHANGES
11	12/20/50	REVISED TO SHOW CHANGES
12	12/25/50	REVISED TO SHOW CHANGES
13	1/1/51	REVISED TO SHOW CHANGES
14	1/15/51	REVISED TO SHOW CHANGES
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230	7/15/55	REVISED TO SHOW CHANGES
231	7/20/55	REVISED TO SHOW CHANGES
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233	8/1/55	REVISED TO SHOW CHANGES
234	8/15/55	REVISED TO SHOW CHANGES
235		



**Evaluation Report  
for  
Five YMCA Facilities, Michigan  
Birmingham YMCA**

**Prepared for:**

**Mr. Edward Williams  
Director of Facilities Management  
YMCA of Metropolitan Detroit  
10900 Harper Avenue  
Detroit, Michigan 48213**

**Prepared by:**

**Desai/Nasr Consulting Engineers, Inc.  
6765 Daly Road  
West Bloomfield, Michigan 48322  
(T)248-932-2010 (F)248-932-3088**

This report is prepared for sole use by YMCA of Metro Detroit Only. The report shall not be used by any other entities without written permission of YMCA of Metro Detroit and Desai/Nasr Consulting Engineers, Inc.



## **EXECUTIVE SUMMARY**

At the request of Mr. Edward Williams, Director of Facilities Management, YMCA of Metropolitan Detroit the Birmingham YMCA facility was toured on July 11, 2006. The tour included visual observations to aid the YMCA in evaluating condition of the structure. The findings and recommendations are highlighted below:

In general the Birmingham YMCA pool enclosure appeared to be in a fairly good condition. The following items need some further consideration:



**Condition Assessment Report  
Birmingham YMCA  
Birmingham, Michigan  
YMCA Metro Detroit, Michigan**

• **INTRODUCTION:**

Mr. Edward Williams, Director of Facilities Management, YMCA of Metropolitan Detroit authorized Desai/Nasr Consulting Engineers to perform a structural evaluation of the Birmingham YMCA facility.

The walk-through of the facility was conducted on July 11 by the Jim Moravek, P.E. of Desai/Nasr Consulting Engineers, Inc. Mr. Edward Williams assisted in providing access and information regarding the history of the facility.

The purpose of the walk-through was to assess the general conditions of the facility, identify major areas of concern and make recommendations for major cost related issues. The following is a brief summary of findings for the facility:

**GENERAL DESCRIPTION:**

The original building was constructed in the late 1960's to early 1970's. It consists of the gymnasium in the center of the current building constructed over a basement. The gymnasium is flanked on the north and east by lower single story reinforced concrete construction. A mechanical room is located to the east of the gymnasium and extends beyond the east wall of the entrance above. The entrance sidewalk extends over the roof of the boiler room below. An intake shaft protrudes above the sidewalk near the main entrance.

The high roof of the gymnasium is framed with steel joists supporting a tectum roof deck. Concrete masonry unit (cmu) walls enclose the gymnasium. Brick veneer is added to the walls serving as exterior walls above the single story levels.

The single story areas are concrete framed as the concrete columns and tapered cantilever portion of the beams are exposed on the north and east sides. The walls consist of windows with tile infill below the windows.

The below grade boiler room consists of reinforced concrete walls and slab and beam framing at the roof.

The pool enclosure was constructed as part of the original building work in 1972. The pool area is recessed below grade in a partial basement. The area is part single story building with built up roofing and part two story building with the pool roof structure supporting the racket ball and exercise area on the second level. The second story area cantilevers out beyond the pool area on the south side.

The single story construction consists of built up roofing with gravel supported by 1 ½" galvanized metal roof deck spanning to steel beams spanning the width of the pool. The steel beams bear on the exterior concrete masonry unit (cmu) walls.

The gable wall between the single and two story areas is supported by a deep steel girder.



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The two story construction forming the pool roof consists of 2" galvanized composite metal deck with concrete topping spanning to steel beams that bear on the exterior cmu walls. The steel beams cantilever out over the south exterior wall to support the larger room construction on the second level. The exterior brick veneer and wall finish is supported by an exposed steel lintel assembly.

The cmu bearing walls terminate above grade, with a cast in place concrete retaining wall construction below grade. The interior wall finish is plaster with a water resistant paint coating.

The steel beams have been coated with spray on fireproofing. A 2x4 ceiling grid is suspended from aluminum wires attached to the roof deck. Drop in light fittings and conduit ducts are supported by mild steel rods and uni-strut tracks.

An addition was constructed in 1988 expanding the facility to the west with additional basement as well as the first floor. The space to the west of the gymnasium was constructed with a high roof. Steel joists framed the roof supported by masonry bearing walls.

A single story addition was added in 1988 to the northwest corner. This consisted of slab on grade construction (no basement) with steel framing supported by masonry bearing walls. The roof construction consists of prestressed cmu commonly known as Docks-plank at that time.

**CONDITION ASSESSMENT:**

In general the building appeared to be in fairly good condition. The general conditions and issues that need to be addressed are detailed below for each building component:

**EXTERIOR WALLS**

The exterior brick walls appeared to be in good condition. The vertical control joints sealant is beginning to show signs of cracking due to age. Chips of mortar have fallen out of the brick joints throughout the building. The brick and mortar joints near the top of the gym wall are cracked just below the fascia. The northwest corner of the gym wall shows the repair of a previous crack in the brick mortar. The fascia above the brick is peeling. Steel lintels over the exterior doors are beginning to corrode and causing the mortar joints to crack. Steel angles above the louvers are beginning to corrode. The flashing at the chimney was separated from the brick (refer to Photo ??). The brick has cracked at the corner of gym/ pool interface.

Along the East and North walls of the single story area, there are cracks in the soffit adjacent to the concrete frame. Also, the metal splines attached to the soffit are separated from the soffit. The sealant between the tile façade below the windows and the concrete columns has cracked.

The lintel supporting the brick veneer above the south exterior cantilevered wall was observed to have deflected and rotated (refer to photograph B-2). Extensive cracking has



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occurred in the mortar joints one course above the lintel. The horizontal steel reinforcement has buckled and is exposed outside of the wall (refer to Photo ??). The brick and mortar have separated with approximately a 1/8 inch gap. At the east end, caulk was applied to fill in the gap. The spray on gravel finish is peeling of the backup boards (refer to photograph B-3). The exterior control joint sealant is cracked and aging.

The foundations have cracked along the east wall at the concrete columns and at isolated locations at the midpoint between the columns (refer to Photo ??). The foundation of the north wing wall has concrete spalled off the foundation wall. The North foundation wall has cracked at the concrete columns similar to the east wall. Along the Wellness Center west wall, at the areaway and at the south end of the wall, the waterproofing has cracked exposing the insulation (refer to Photo ??). The mortar in the areaway cap has cracked. At the southwest emergency exit, the concrete at the stairs handrail post has spalled off. The concrete stairs down to the pool are in good condition. However, a concrete stair nosing has spalled off at the Southeast pool exit stairs.

Along the east wall of the pool, the joint at the base of the wall and the sidewalk has been caulked. Below the wall is the boiler room. Mr. Ed Williams indicated that whenever the caulk joint cracks, then the rain water leaks into the Boiler Room below. He also indicated water leaks through the air intake.

ROOFING:

The single ply roof over the gym is approximately 15 years old and showing its age. The coating over the membrane is peeling. The flashing was in fair condition. Cracks were observed in the flashing at the base of the pool roof. Moist areas were observed indicating poor drainage in several locations.

The roofing over the pool was in good condition. Once again, poor drainage was observed at the south side where water could not get to the roof sumps. Cracks were observed in the perimeter flashing.

The low roofs appeared to be in fairly condition. Cracks were observed in the flashing. Moss was observed to be growing in the vicinity of the rooftop mechanical units. Moist areas and dark stains indicated moisture and poor drainage.

**BUILDING INTERIOR**

**Structural Framing**

In general, the structural framing appeared to be in good condition. At several locations in the pool area, the fireproofing is no longer encasing the beam, and the initial signs of corrosion were observed in these locations. When the lay-in ceiling tile was removed, in many instances, a previous ceiling was left in place above the current ceiling. In general, this prevented observation of much of the structural framing.



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#### Decking

The decking appeared to be good condition. The Docks-plank roof deck system was observed to be in good condition.

#### Walls

Generally, the interior walls appeared to be fair condition. A corner crack in the wall was observed in the Studio Balcony Stairway as well as in the corner of the Wellness Center. In Air Handling Room #2, a repaired wall crack at the wall chimney intersection was observed.

There are a number of cracks in the masonry throughout the gym.. These were observed from the floor as well as on the running track above. Cracks occurred where the steel joists bear on the cmu walls. The mortar joints of the cmu blocks at the lower portion of the east basket support on the north wall were completely fractured. Any force on the basketball rim caused movement of the cmu blocks at the bottom of the support. One of the wall anchors was observed to be pulled out of the wall approximately one inch.

#### Ceiling Tile

Overall, the ceiling tile appeared to be in good condition. Water stains were observed on a number of tiles such as in the Wellness Center office, the Daily Room, and the Pool Mezzanine Stairway. Mr. Williams indicated that a roof leak was detected in Air Handling Room #1 in early June of this year.

#### Flooring

In general, the flooring appeared to be in good condition. However, a crack in the tile floor was observed in the Women's Rest Room. Mr. Williams stated that the crack has existed for a long time. However, it has recently opened up.

#### Pool

The structural steel framing and roof deck appeared in good conditions. Initial signs of corrosion were observed on steel beams where spray on fireproofing had been removed (refer to Photo ).

The exterior cmu walls are in good condition. The wall control joint sealant is in acceptable condition. A horizontal crack is visible in the plaster finish at the joint between the cmu wall and the concrete retaining wall (refer to Photo ). A stepped crack was also observed in the south wall. Paint peeling of the finished wall surface indicating moisture migration was observed in the west retaining wall.

The pool's structural ceiling grid appeared to be in good condition. The aluminum hanging wire showed the initial signs of oxidation. The top surface of the ceiling tiles were covered in



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dust and particles from the spray on fireproofing, however the humidity resistance ceiling tiles appeared in good condition.

Of concern are the mild steel hanger rods and unistrut tracks used to support the cable ducts and light fittings (refer to photograph B-5).

**Boiler Rooms:**

The boiler room shows water stains at the southeast corner roof. Along the east wall pipe penetration, there are multicolored stains along the wall below the pipe. In the northeast corner, the crack appeared to be filled in with salt used on the front sidewalk in the winter. According to Mr. Williams, water runs down the wall in "sheets" if the outside joint above is not caulked. The north wall has sustained water damage. Mr. Williams stated that water seeps through the wall in the stairway to the Pool Boiler Room. Occasionally the boiler rooms become flooded. In one instance there was 4 to 5 feet of water in the rooms.

Concrete cracks at the west end of the Pool Boiler Room were repaired about 15 years ago according to Mr. Williams. At that time the cracks and spalls were repaired and shoring provided under the concrete framing to support the cracked beams. Steel inserts at the bottom of the concrete joists are corroding and causing the concrete to spall as the steel expands.

**MISCELLANEOUS**

The concrete curb by the front entrance has spalled. The sidewalk to the front entrance has cracked. This is located over the boiler room and contributes to the leaking below. According to Mr. Williams, there used to be a building in the location of the sidewalk. He does not know if the foundations were entirely removed aside from the boiler room.

Near the southwest emergency exist and the stairs down to the basement, there about a 16 inch wide strip of asphalt between the stairs and the wall. Poor compaction of the fill material has caused the pavement to settle, thus collecting the rainwater adjacent to the building basement wall.

**RECOMMENDATIONS:**

In general the facility appeared to be in fairly good condition. The following items need some further consideration:

- The steel lintel supporting the exterior brick veneer at the cantilevered south wall needs to be analyzed to determine the cause of the deflection.
- When the lintel assembly has been repaired the brick veneer can be repaired and damaged mortar joints need to be tuck-pointed. It is DNCE's opinion that the support of this wall needs to be addressed fairly soon as the support for a high masonry wall is deteriorating. Currently, the brick is bridging over gaps in the support at the lintel.

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As further deterioration occurs, this gap will increase and length being bridged will increase until it is more than the brick can support.

- The exterior spray on gravel finish should be repaired to prevent water penetrating into the building.
- Recaulking the joints between the sidewalk and the building is not a solution to preventing leaks into the basement below. The caulk will break every winter due to frost heave in the ground. A waterproofing specialist should be consulted to provide a permanent waterproofing solution involving waterproofing the basement walls and possibly installing and/or replacing drain tile. It is DNCE's opinion that this item requires attention in the near future. If left unresolved, the leakage will continue causing further deterioration to the facility and potentially affect the mechanical and electrical systems.
  - Cracked or damaged brick, such as below the gym roof should be repaired to prevent moisture from migrating into the wall.
  - Damaged mortar joints should be cleaned and tuck-pointed. The condition of the joints should be monitored over time and repaired as defects occur.
  - The sealant in the vertical brick expansion joints should be removed and replaced with an elastic sealant. This should also be monitored over time.
  - The steel lintels should be cleaned so as to remove the existing corrosion and then repainted to prevent further corrosion and eventual cracks in the brick joints.
  - The gauge steel fascia trim showing signs of corrosion should be either cleaned and painted or replaced.
- Repair the cracks in the exposed concrete framing beams as well as the exposed foundation walls to reduce moisture from intruding into the concrete. Paint or seal the concrete to prevent the moisture from penetrating into the concrete.
- Remove all deteriorated caulk and recaulk the joints. This should be inspected on an annual basis and maintained as required.
- Repair the waterproofing at the west wall of the Wellness Center.
- At the south wall of the pool, a waterproofing specialist should be consulted to assess the extent of moisture migration through the concrete retaining wall and make repair and maintenance recommendations.
- As indicated by Mr. Williams, a roofing consultant should be retained to provide the necessary repairs. In the short term, any flashing and caulking in disrepair should be repaired so as to prevent leaks.
- Structural steel showing signs of corrosion where the spray on fireproofing has been removed should be treated with a corrosion inhibiting coating and covered with the required thickness of spray on fireproofing. It should be noted that the coating must be compatible with the spray-on fireproofing. If a compatible material is not available, then just the spray-on fireproofing should be applied to a properly prepared steel surface.
- Cracks to the interior cmu walls, such as in the gym, should be repaired. These cracks, as well as previously repaired cracks should be monitored annually and addressed accordingly.
- The interior vertical expansion joints in the cmu that have deteriorated should be removed and replaced with an elastic material. The condition of all these joints should be monitored on an annual basis and repaired as required.



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- Any existing cracks to the concrete framing to the reinforced concrete framing for the basement roofs/ceiling construction should be repaired after the waterproofing and leaking repairs have been made as they may lead to further deterioration. The concrete repair patch at one beam appears to be deteriorating. This as well as other existing repairs should be monitored annually and acted on accordingly.
- The horizontal plaster crack at the south wall of the pool area should be repaired and a tooled and sealed control joint with an elastic material should be located at the transition between the concrete retaining wall and above grade exterior cmu wall.
- The mild steel rods and unistrut tracks supporting the light fittings and cable ducts should be replaced with aluminum or galvanized steel.
- Clean and remove the rust from the embedded steel in the bottom of the concrete beams. Paint the steel with a moisture resistant paint to retard the corrosion of the embedded steel and eventual cracking of the concrete.





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PHOTO 1

PHOTO 2

PHOTO 3

PHOTO 4

PHOTO 5

PHOTO 6

PHOTO 7

PHOTO 8

PHOTO 9



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PHOTO 10

PHOTO 11

PHOTO 12

PHOTO 13

PHOTO 14

PHOTO 15

PHOTO 16

PHOTO 17

PHOTO 18

**400 E LINCOLN AVE** MI 48009-1756 (Property Address)

Parcel Number: 08-19-36-403-032 Account Number: 14737-12958

**UB Customer Name:** YMCA OF METRO DETROIT

**Summary Information**

- > Assessed Value: \$0 | Taxable Value: \$0
- > 54 Building Department records found
- > 1 Invoice Found, Amount Due: 0.00
- > Property Tax information found
- > Utility Billing information found

**Owner Information**

Not Available

**Permits**

To request an inspection or pay on a record, click View

Permit Type	Permit Number	Associated Project	Status	Date Issued	Last Inspection	
Administrative App	PAA19-0183	JAAP19-0113	FINALED	12/2/2019		<a href="#">View</a>
Building	PB15-0710	JSGC15-0048	FINALED	10/27/2015	11/2/2018	<a href="#">View</a>
Electrical	PE15-0701	JSGC15-0048	FINALED	10/27/2015	1/23/2019	<a href="#">View</a>
Electrical	PE15-0835	JSGC15-0048	FINALED	12/2/2015	12/11/2015	<a href="#">View</a>
Electrical	PE16-0653	JEAC16-0012	FINALED	9/13/2016	1/13/2017	<a href="#">View</a>
Electrical	PE18-0372	JRTM18-0004	FINALED	5/16/2018	6/1/2018	<a href="#">View</a>
Electrical	PE19-0279	JEAC19-0011	FINALED	4/16/2019	6/3/2019	<a href="#">View</a>
COMM - ELECTRICAL	PE22-1256	JMAC21-0011	FINALED	1/12/2023	1/27/2023	<a href="#">View</a>
Fence	PF19-0226		CANCELED			<a href="#">View</a>
Fence	PF19-0227	JFC19-0004	FINALED	12/2/2019	6/25/2020	<a href="#">View</a>

1 2 3 4

Displaying items 1 - 10 of 34

[Apply for a Permit](#)

**Enforcements**

To pay on a record, click View

Enforcement Type	Enforcement Number	Status	Filed Date	Last Inspection	
Enforcement - Sign Complaint - Res	E12-2035	CLOSED	8/16/2012		<a href="#">View</a>
Enforcement - Property Maintenance - Com	E17-1652	CLOSED	6/9/2017		<a href="#">View</a>
Enforcement - CONSTRUCTION SITE MAINTENANCE	E18-1358	CLOSED	5/21/2018	5/23/2020	<a href="#">View</a>
Enforcement - NOISE COMPLAINT	E20-1672	CLOSED	12/14/2020	12/22/2020	<a href="#">View</a>
Enforcement - Property Maintenance - Comm.	EN04-37107785	CLOSED	4/13/2004	4/13/2004	<a href="#">View</a>
Enforcement - Sign Violation - Residential	EN04-37108185	CLOSED	6/13/2004	6/13/2004	<a href="#">View</a>
Enforcement - Sign Violation - Residential	EN04-37109137	CLOSED	11/2/2004	11/2/2004	<a href="#">View</a>
Enforcement - Construction Site Complaint	EN04-37109307	CLOSED	11/29/2004	11/29/2004	<a href="#">View</a>
Enforcement - Sign Violation - Residential	EN05-37110582	CLOSED	6/7/2005	6/7/2005	<a href="#">View</a>
Enforcement - Sign Violation - Residential	EN05-37110963	CLOSED	7/25/2005	7/25/2005	<a href="#">View</a>

1 2

Displaying items 1 - 10 of 18

**PZE Processes**

To pay on a record, click View

Process Type	Process Number	Status	Date Process Started	Last Inspection	
Process - ADMIN APPROVAL - PB	PAA21-0053	COMPLETED - APPROVED	6/4/2021		<a href="#">View</a>
Process - ADMIN APPROVAL - PB	PAA22-0107	IN PROGRESS	9/14/2022		<a href="#">View</a>

1

Displaying items 1 - 2 of 2

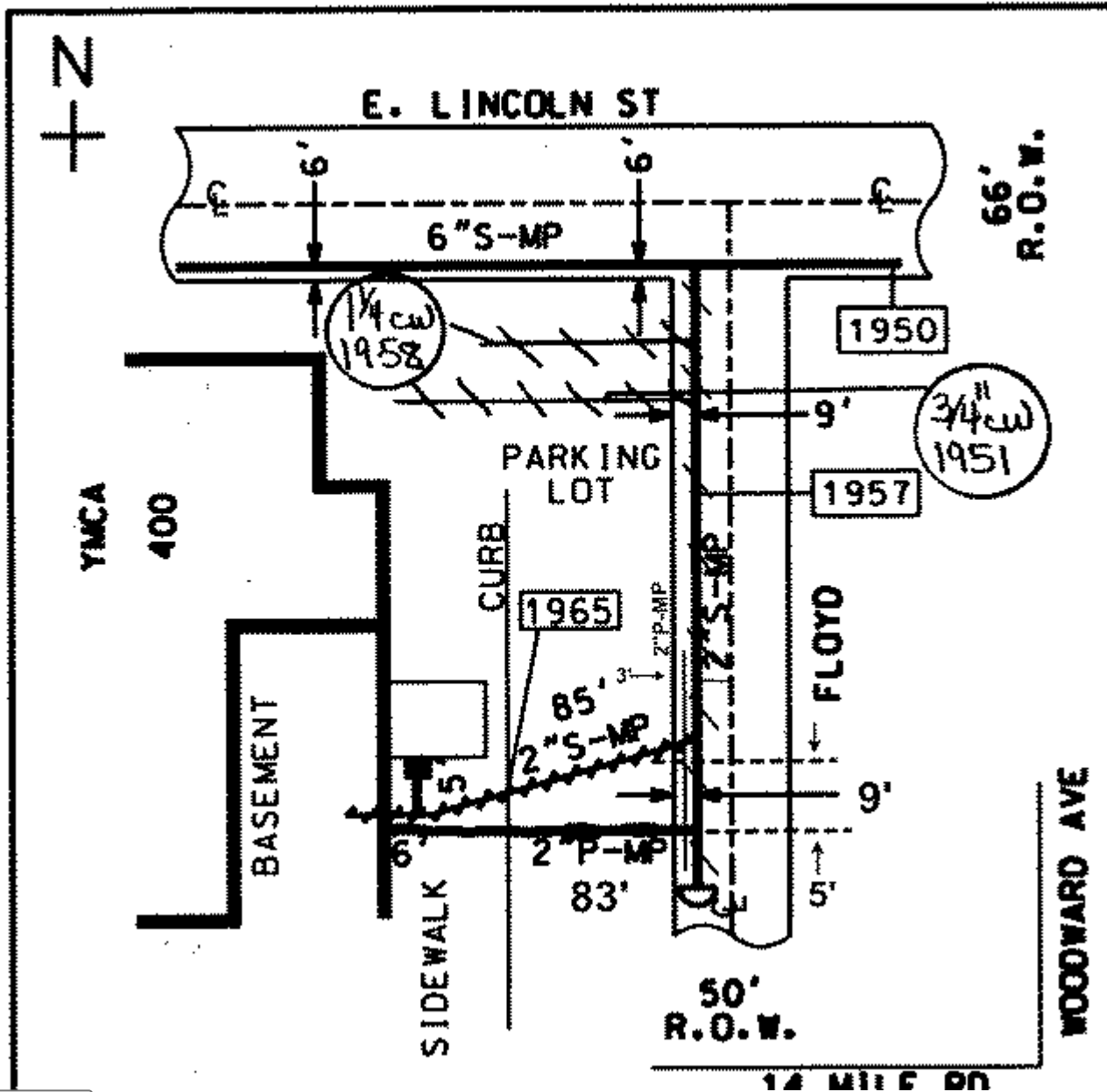
#### Attachments

Date Created	Title	Record	
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Displaying items 0 - 0 of 0

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Address: **400 E LINCOLN ST, BIRMINGHAM**  
 Gas Service Extension: **2" P** , Inserted: **N** , Year Installed: **2011**



Previous

**Notice:** This information is for design purposes only and is not reliable for construction. All locations are approximate, facilities may have been added and/or altered after any revision or as-printed date, and service lines may not be shown. Field staking is available at no charge by calling MISS DIG (800-482-7171) three working days in advance of the digging, and the precise location and depth of all underground facilities must be identified in accordance with the MISS DIG Act, PA 174 of 2013 as amended, and any other applicable law or ordinance. Use of these maps does not relieve the user of any legal duty to comply with all applicable laws or ordinances. Consumers Energy shall be consulted before any action is taken on the basis of this map, and the map must be destroyed when no longer needed.

Quick Search

Advanced Search

Site ID

Recent Sites

Site Contacts

419612 / MIG000062885 YMCA  
400 E LINCOLN ST, BIRMINGHAM, MI 48009

Site

Site Name

YMCA

Site Identification

<b>WDS ID Number:</b>	419612	History...
<b>Site ID Number:</b>	MIG000062885	History...
<b>Legal Site Name:</b>	YMCA	History...
<b>Specific Site Name:</b>	YMCA	History...
<b>District:</b>	WARREN	

Address Identification

Location Address	Mailing Address
400 E LINCOLN ST BIRMINGHAM MI 48009-1756	400 E LINCOLN ST BIRMINGHAM MI 48009-1756
History...	History...

Miscellaneous

<b>Tax Number:</b>	History...
<b>No Number Because:</b>	

GPS Coordinates (provide five decimal places)
<b>Latitude Coordinate:</b>
<b>Longitude Coordinate:</b>
<b>Collection Method:</b>

<b>Receives All Waste?:</b>	No
<b>Railroad?:</b>	No
<b>Facility on Indian Reservation Land?:</b>	No
<b>Utilization Activities:</b>	
<b>Scrap Tires Activities:</b>	
<b>Scrap Tires Acres:</b>	
<b>NAICS Codes (up to four six-digit codes):</b>	
(The list of NAICS codes in WDS is based on the 2007 definitions provided by the U.S.Census Bureau.)	
000000 - No NAICS Value Reported to Date (INACTIVE)	

Haz Waste Contact

<b>First Name:</b>	ED	<b>M.I.:</b>	
<b>Last Name:</b>	WILLIAMS		
<b>Phone Number:</b>	(248) 644-8379	<b>Ext:</b>	<b>Fax:</b>
<b>Alternate Phone:</b>			
<b>Email Address:</b>			



<b>Owner/Operator (0)</b>	<b>Activities (1)</b>	<b>Site ID Fees (0)</b>	<b>Comments (0)</b>
<b>Petitions (0)</b>	<b>Used Oil Biennial Reports (0)</b>	<b>Parceling (0)</b>	<b>Institutional Controls (0)</b>
<b>Exemptions (0)</b>			
<b>Discovery Date</b>	<b>Source of Information</b>	<b>Summary</b>	
1/1/1970	State	Liquid industrial waste generator	

**APPENDIX F:**  
**EDR AERIAL PHOTOGRAPHS**





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YEAR: 2016

— = 500'







INQUIRY #: 5496389.8

YEAR: 2012

— = 500'







INQUIRY #: 5496389.8

YEAR: 2009

— = 500'







INQUIRY #: 5496389.8

YEAR: 2005

— = 500'







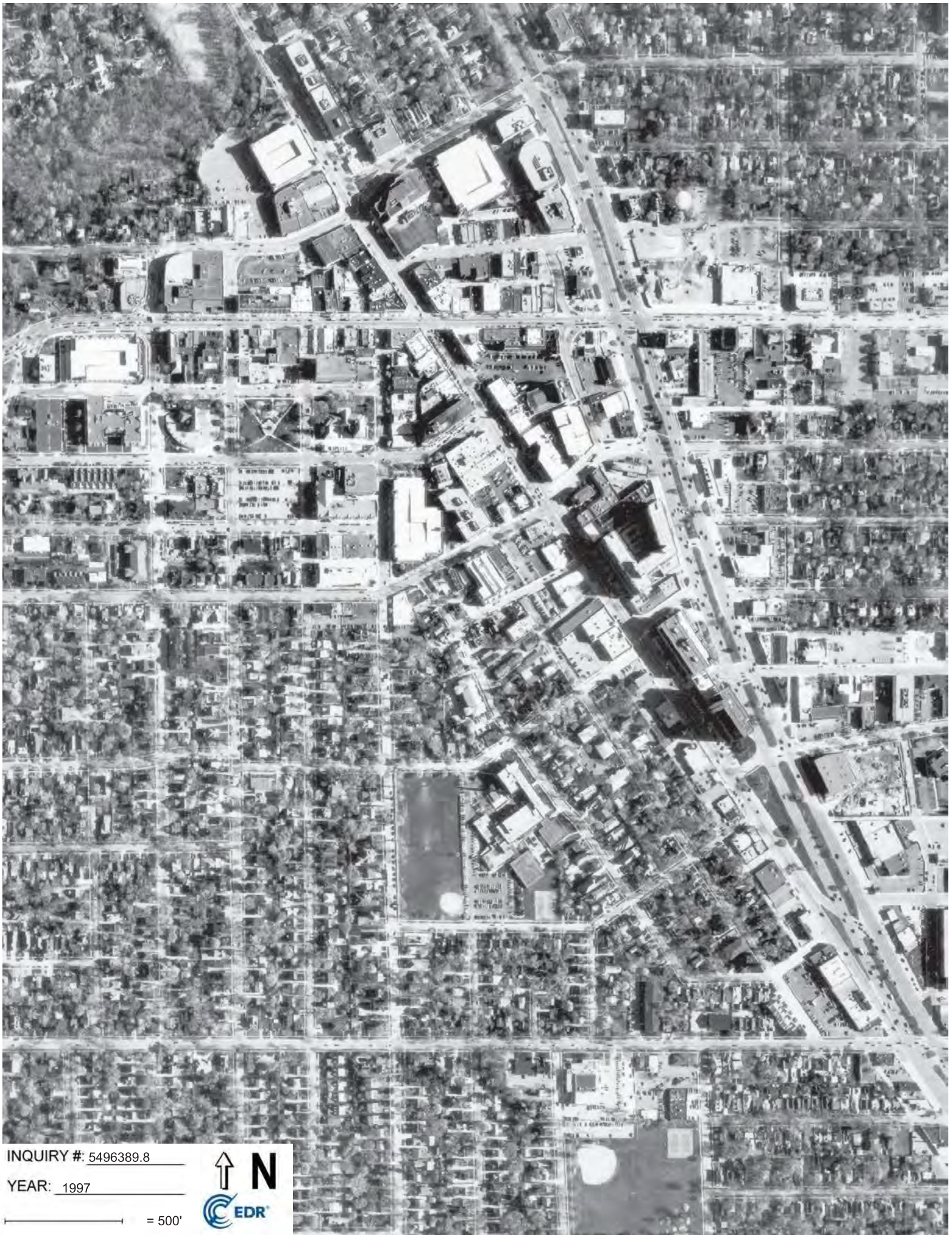
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YEAR: 1999

— = 500'







INQUIRY #: 5496389.8

YEAR: 1997

— = 500'







INQUIRY #: 5496389.8

YEAR: 1987

— = 500'







INQUIRY #: 5496389.8

YEAR: 1983

— = 500'







INQUIRY #: 5496389.8

YEAR: 1976

— = 500'







INQUIRY #: 5496389.8

YEAR: 1972

— = 500'







INQUIRY #: 5496389.8

YEAR: 1967

— = 500'







INQUIRY #: 5496389.8

YEAR: 1956

— = 500'







INQUIRY #: 5496389.8

YEAR: 1952

— = 500'







INQUIRY #: 5496389.8

YEAR: 1949

— = 500'







INQUIRY #: 5496389.8

YEAR: 1937

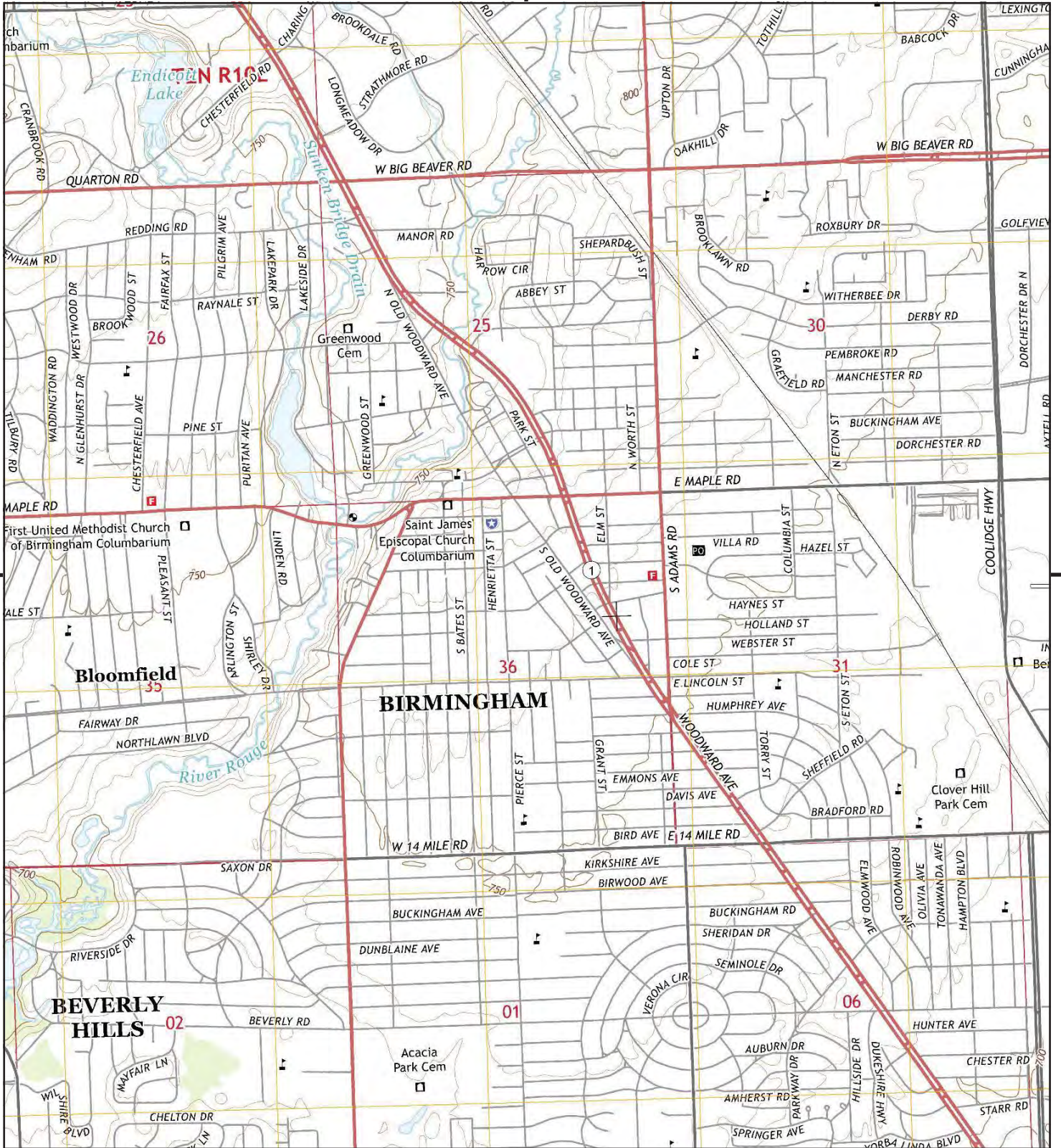
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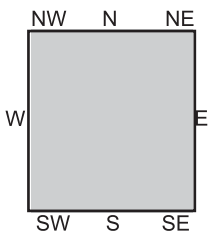
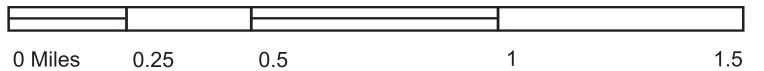
## **APPENDIX G:**

### **EDR HISTORICAL TOPOGRAPHIC MAPS**





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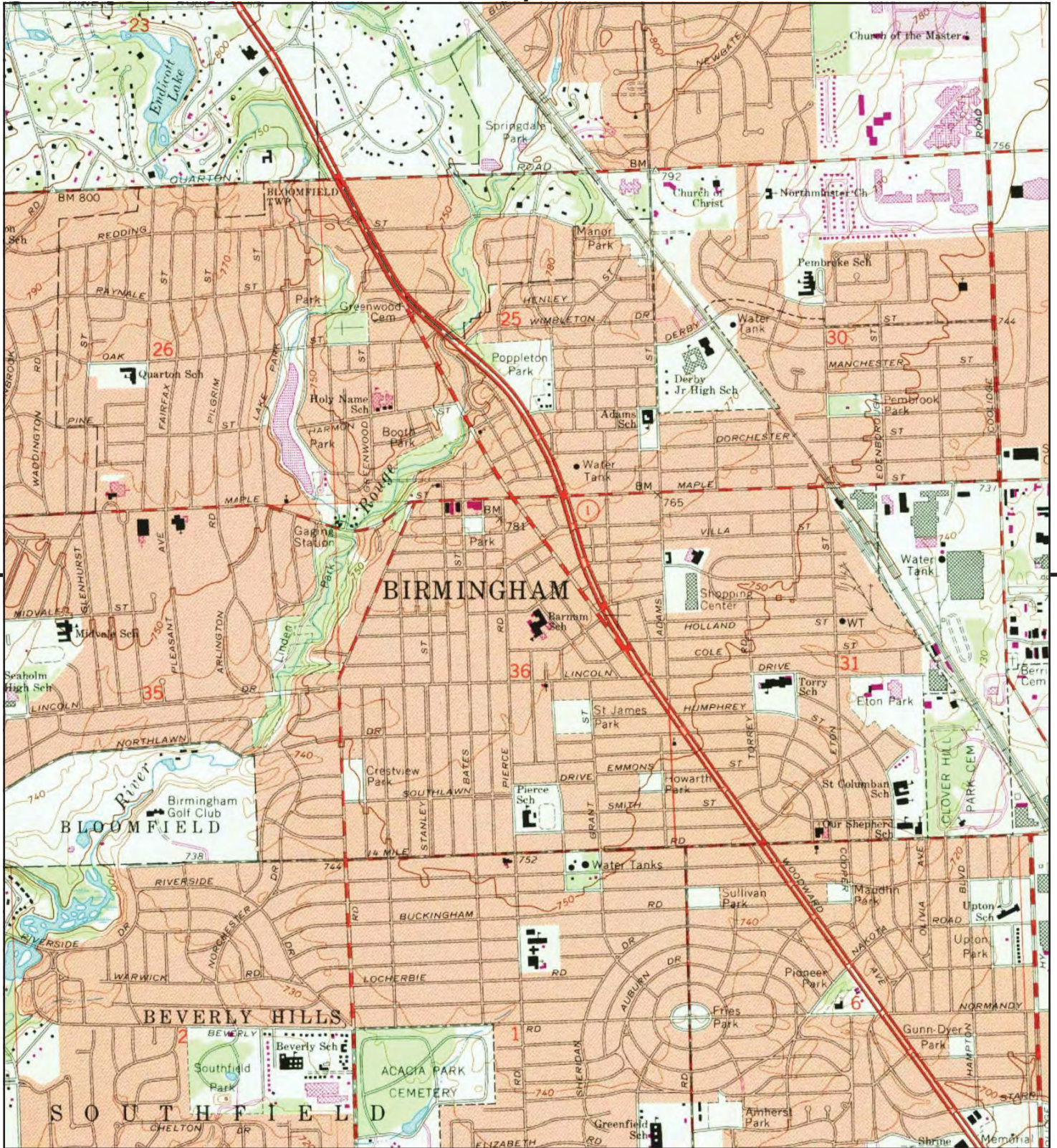


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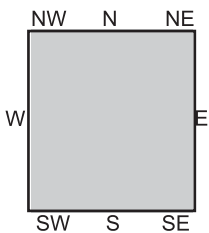
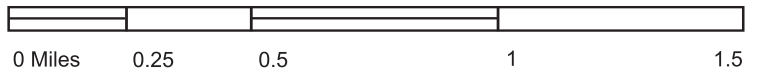
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 Birmingham, MI 48009  
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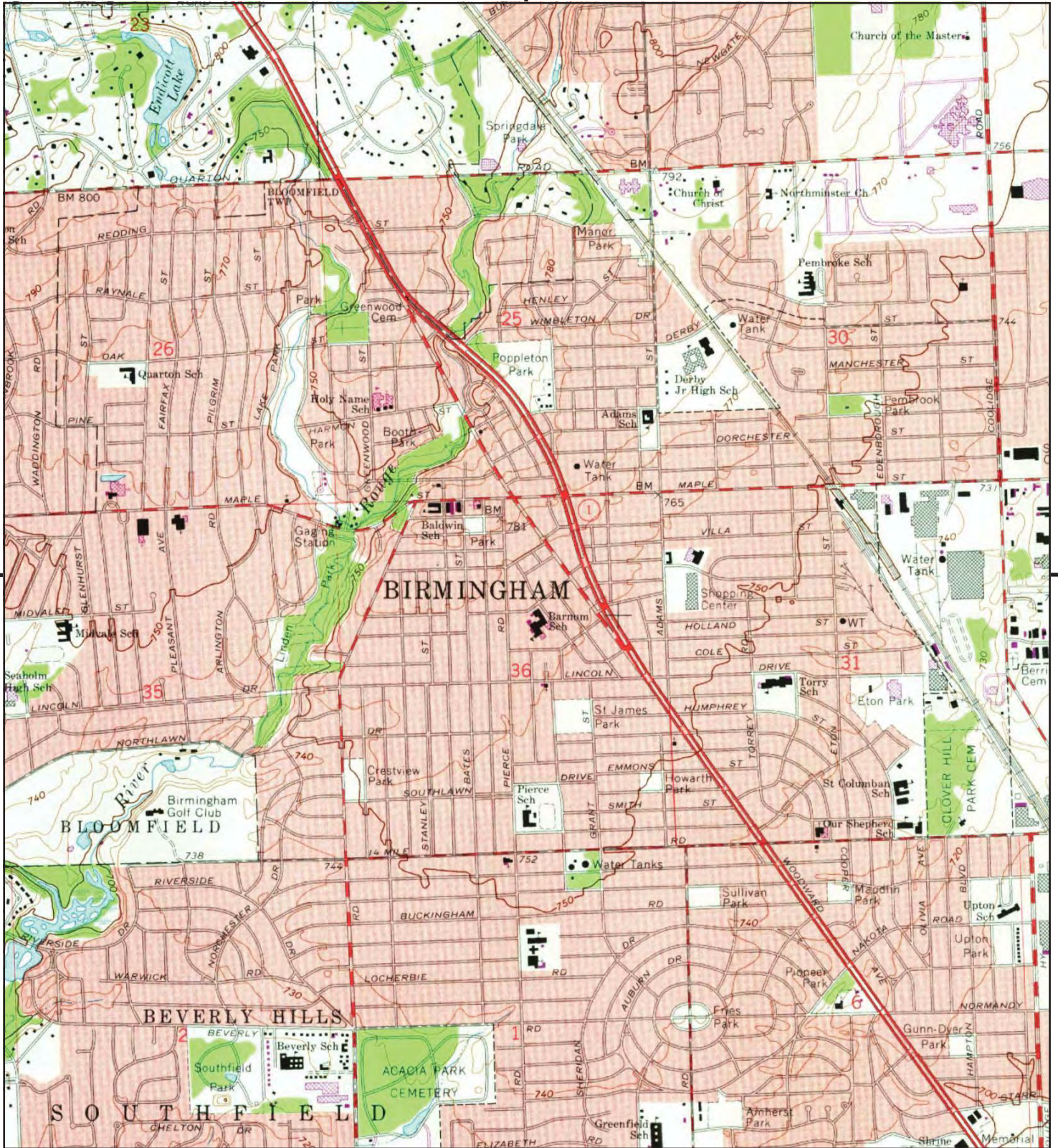


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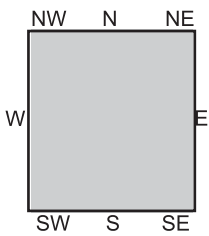
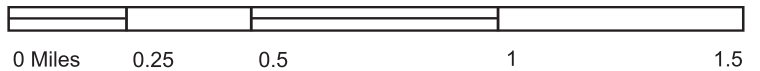
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 CLIENT: Performance Environmental







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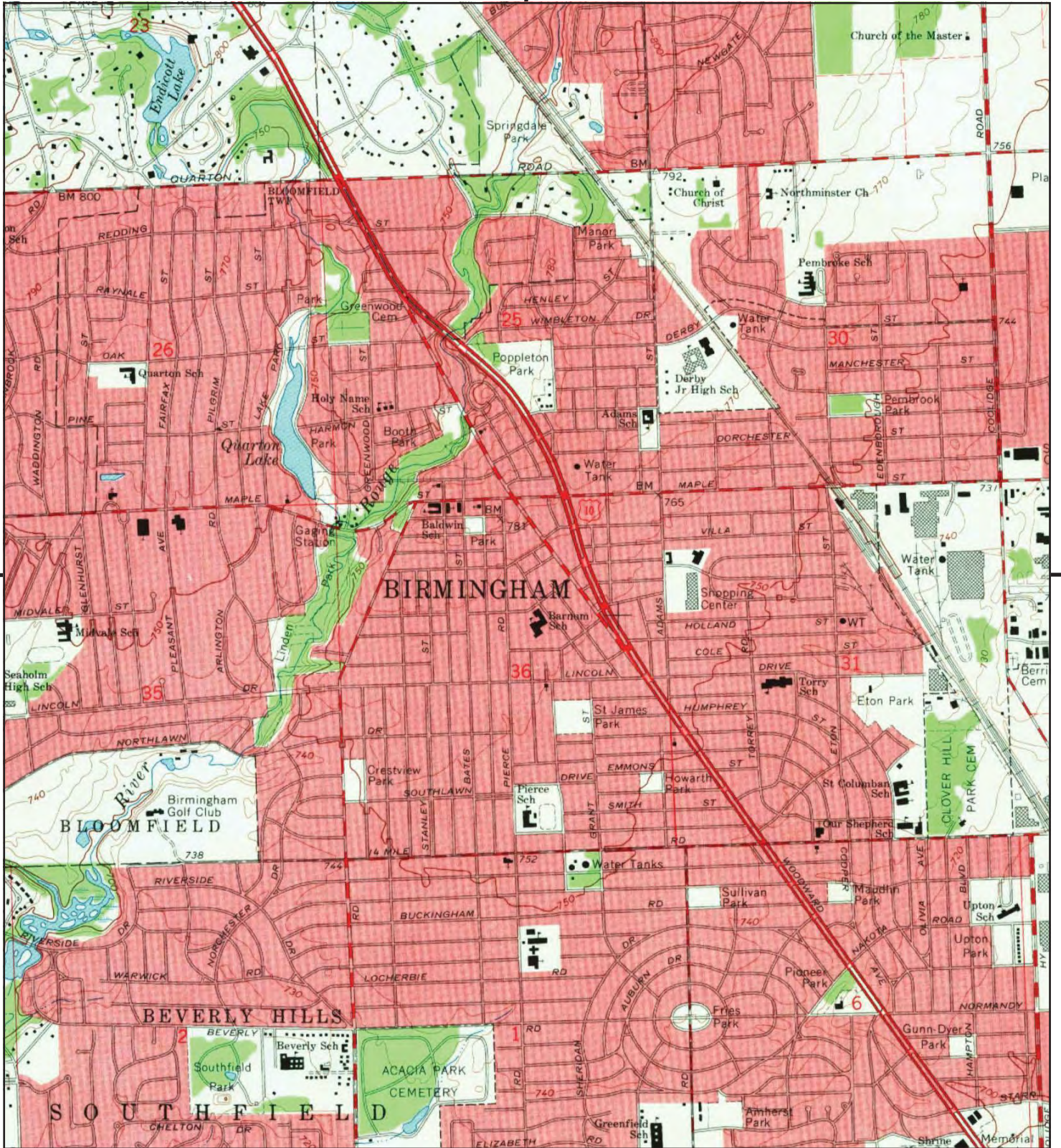


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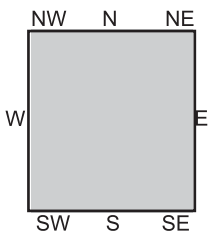
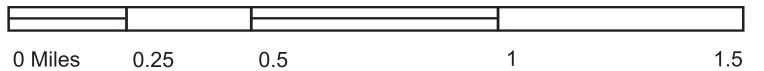
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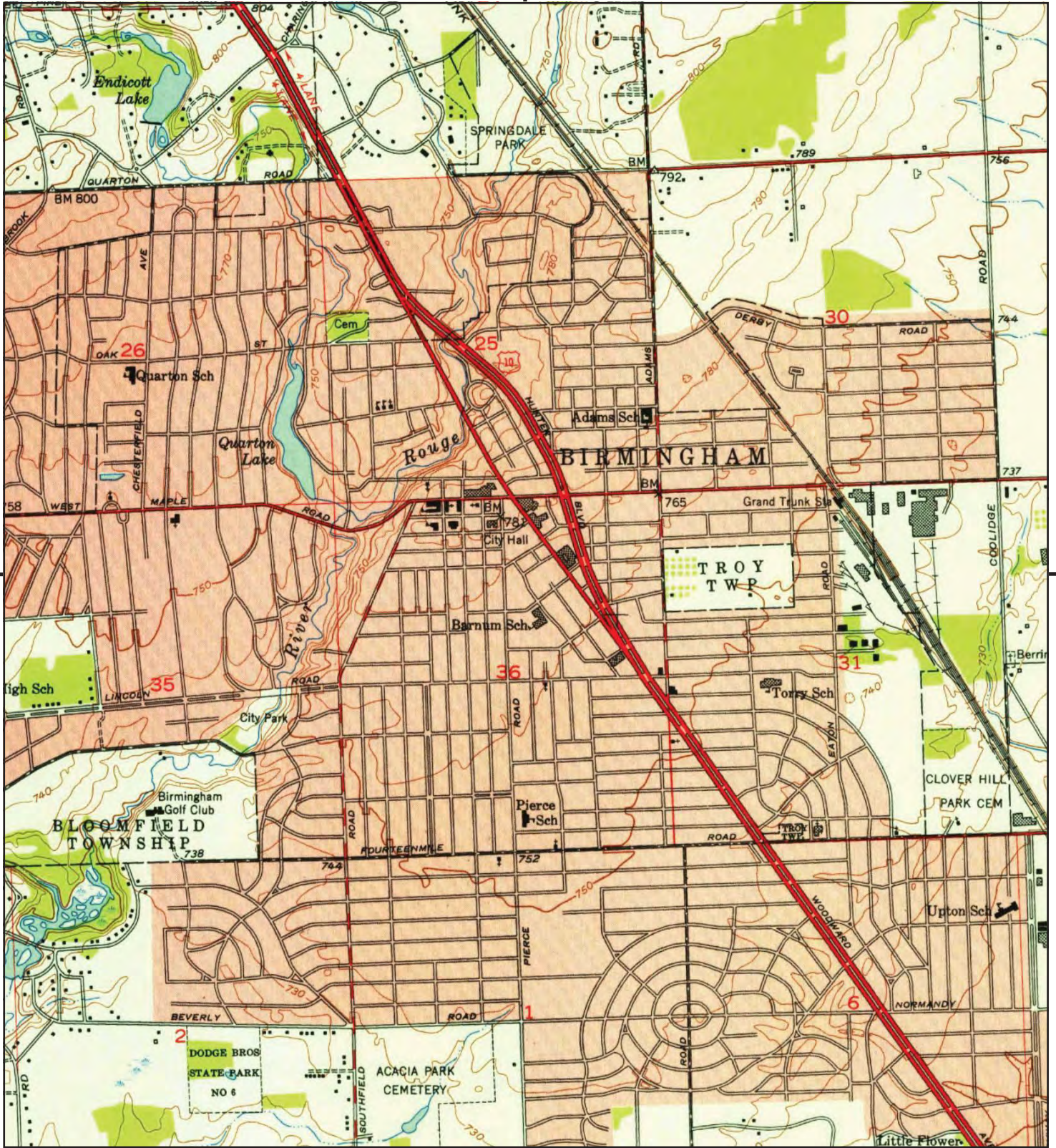


TP, Birmingham, 1968, 7.5-minute

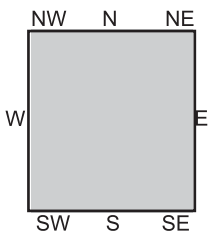
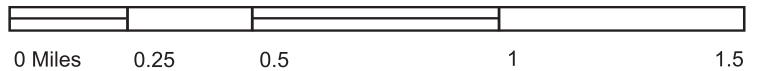
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 ADDRESS: 625 Purdy  
 Birmingham, MI 48009  
 CLIENT: Performance Environmental







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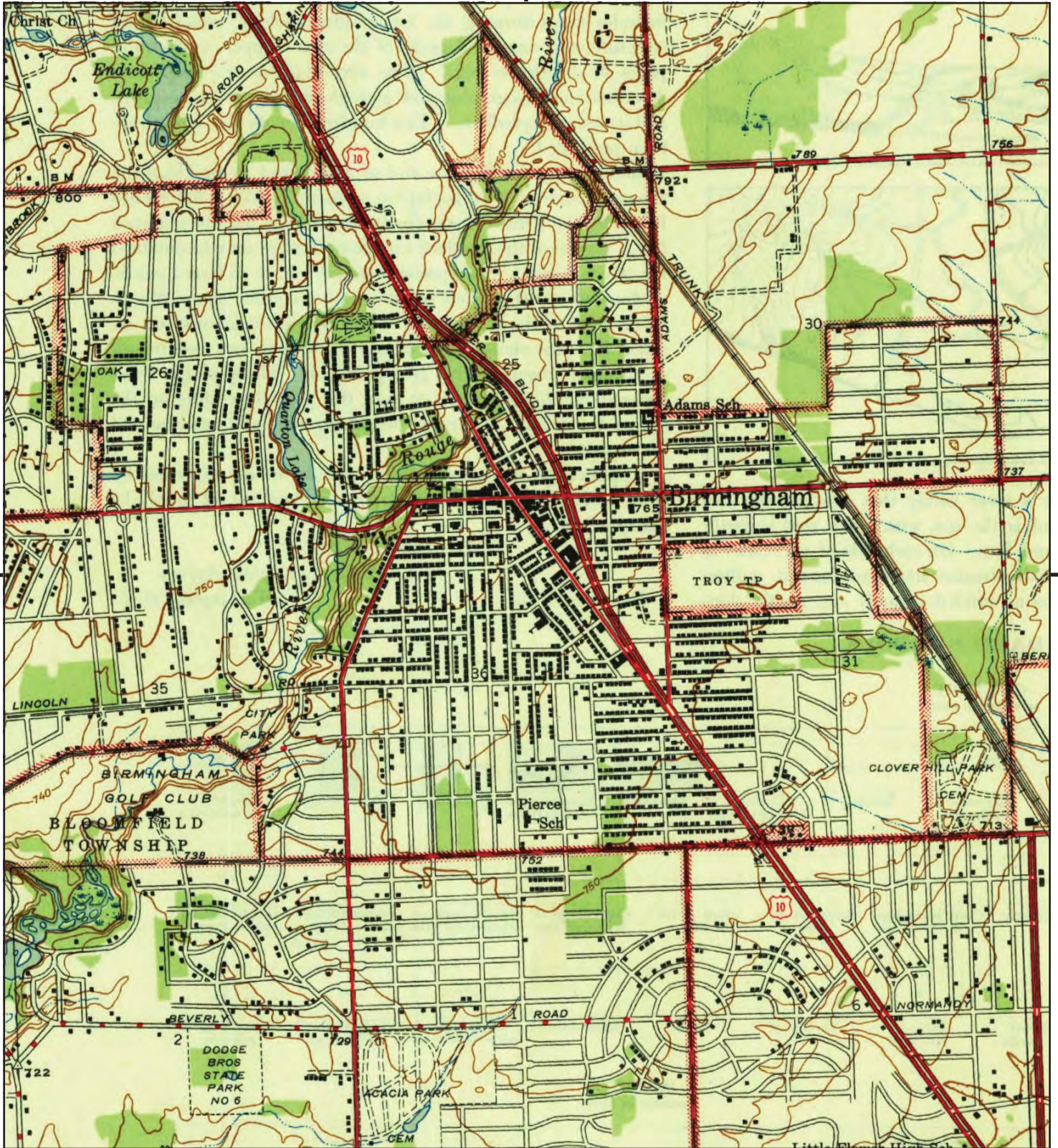


TP, Birmingham, 1952, 7.5-minute

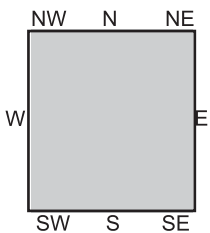
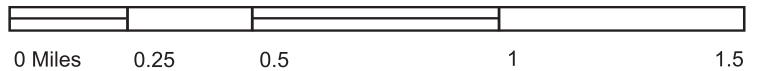
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 ADDRESS: 625 Purdy  
 Birmingham, MI 48009  
 CLIENT: Performance Environmental







This report includes information from the following map sheet(s).

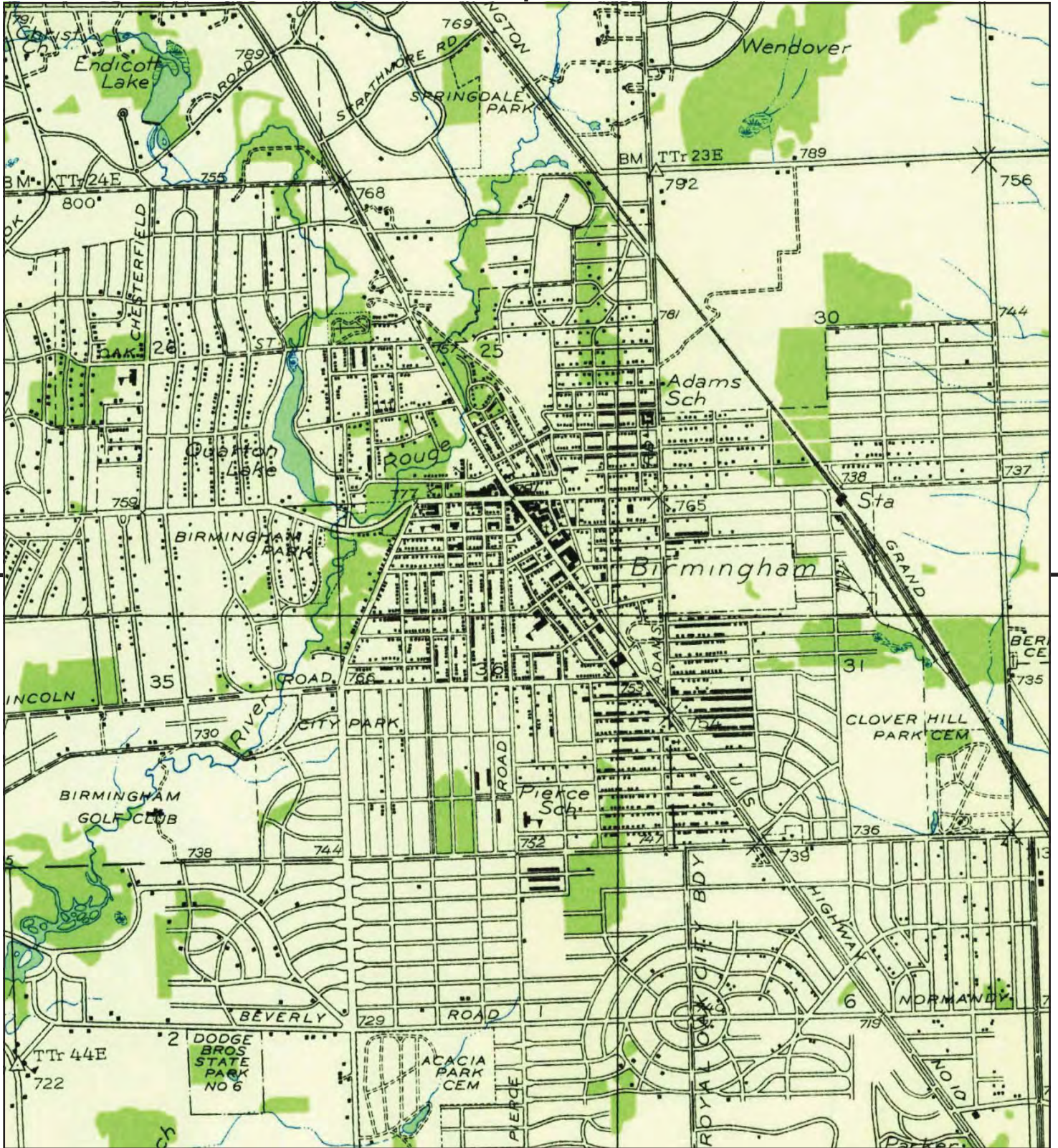


TP, Birmingham, 1945, 7.5-minute

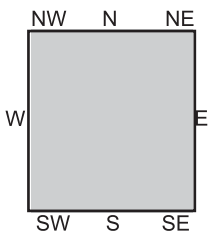
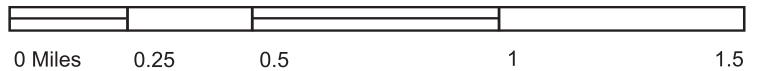
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 ADDRESS: 625 Purdy  
 Birmingham, MI 48009  
 CLIENT: Performance Environmental







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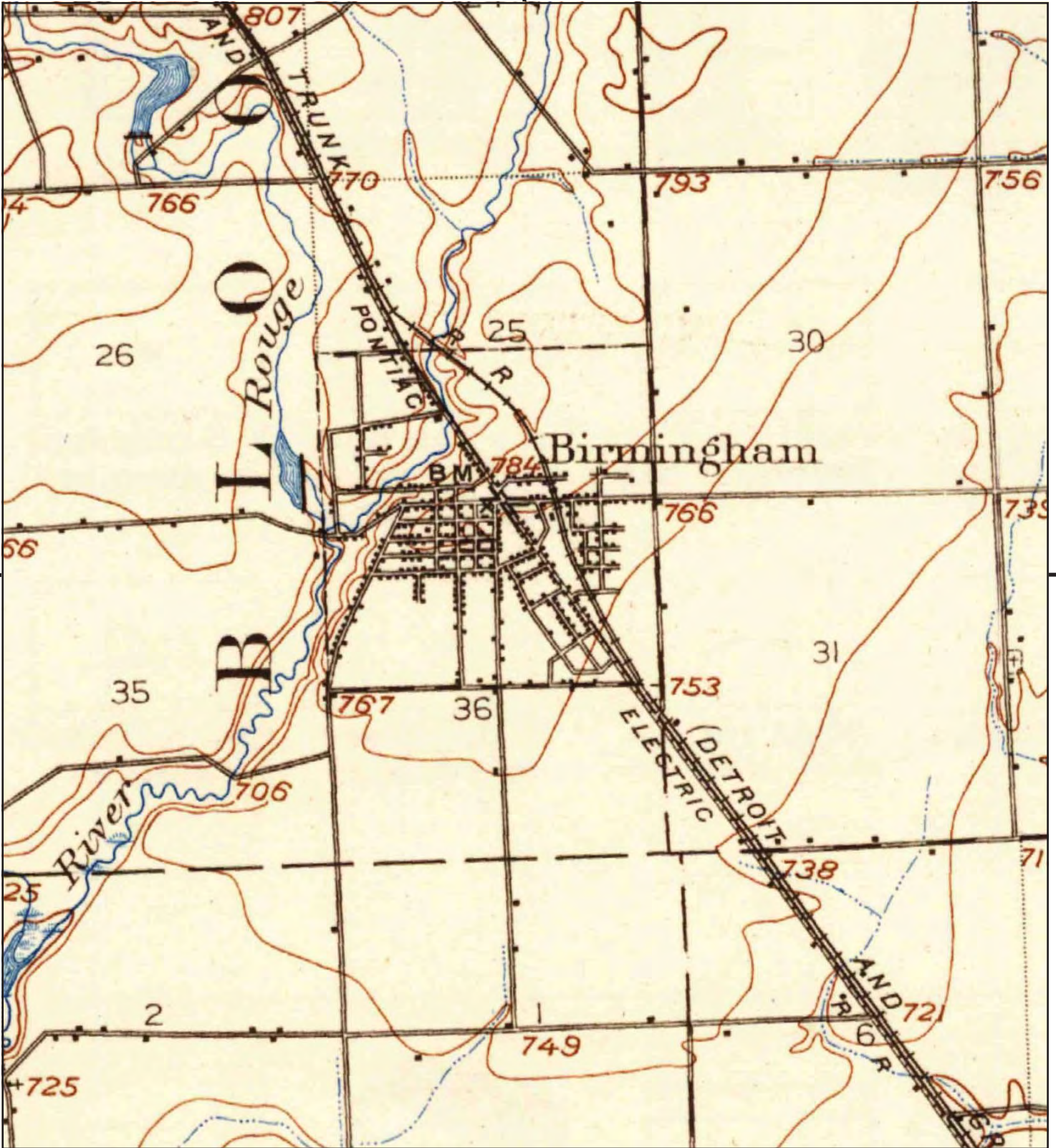


TP, Birmingham, 1936, 7.5-minute

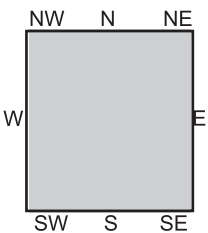
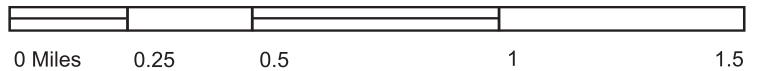
SITE NAME: 625 Purdy  
 ADDRESS: 625 Purdy  
 Birmingham, MI 48009  
 CLIENT: Performance Environmental







This report includes information from the following map sheet(s).



TP, Rochester, 1908, 15-minute

SITE NAME: 625 Purdy  
 ADDRESS: 625 Purdy  
 Birmingham, MI 48009  
 CLIENT: Performance Environmental





**APPENDIX H:**  
**EDR SANBORN MAPS**

Commercial Property

400 E. Lincoln Street

Birmingham, MI 48009

Inquiry Number: 7299886.3

April 05, 2023

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

04/05/23

## Site Name:

Commercial Property  
400 E. Lincoln Street  
Birmingham, MI 48009  
EDR Inquiry # 7299886.3



The Sanborn Library has been searched by EDR and maps covering the target property location as provided were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 97CA-47E8-AF5D

**PO #** NA

**Project** 23-088

### Maps Provided:

1960  
1949  
1931  
1926  
1921



Sanborn® Library search results

Certification #: 97CA-47E8-AF5D

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1960 Source Sheets



Volume 1, Sheet 19  
1960



Volume 1, Sheet 18  
1960

### 1949 Source Sheets



Volume 1, Sheet 18  
1949



Volume 1, Sheet 19  
1949

### 1931 Source Sheets



Volume 1, Sheet 19  
1931

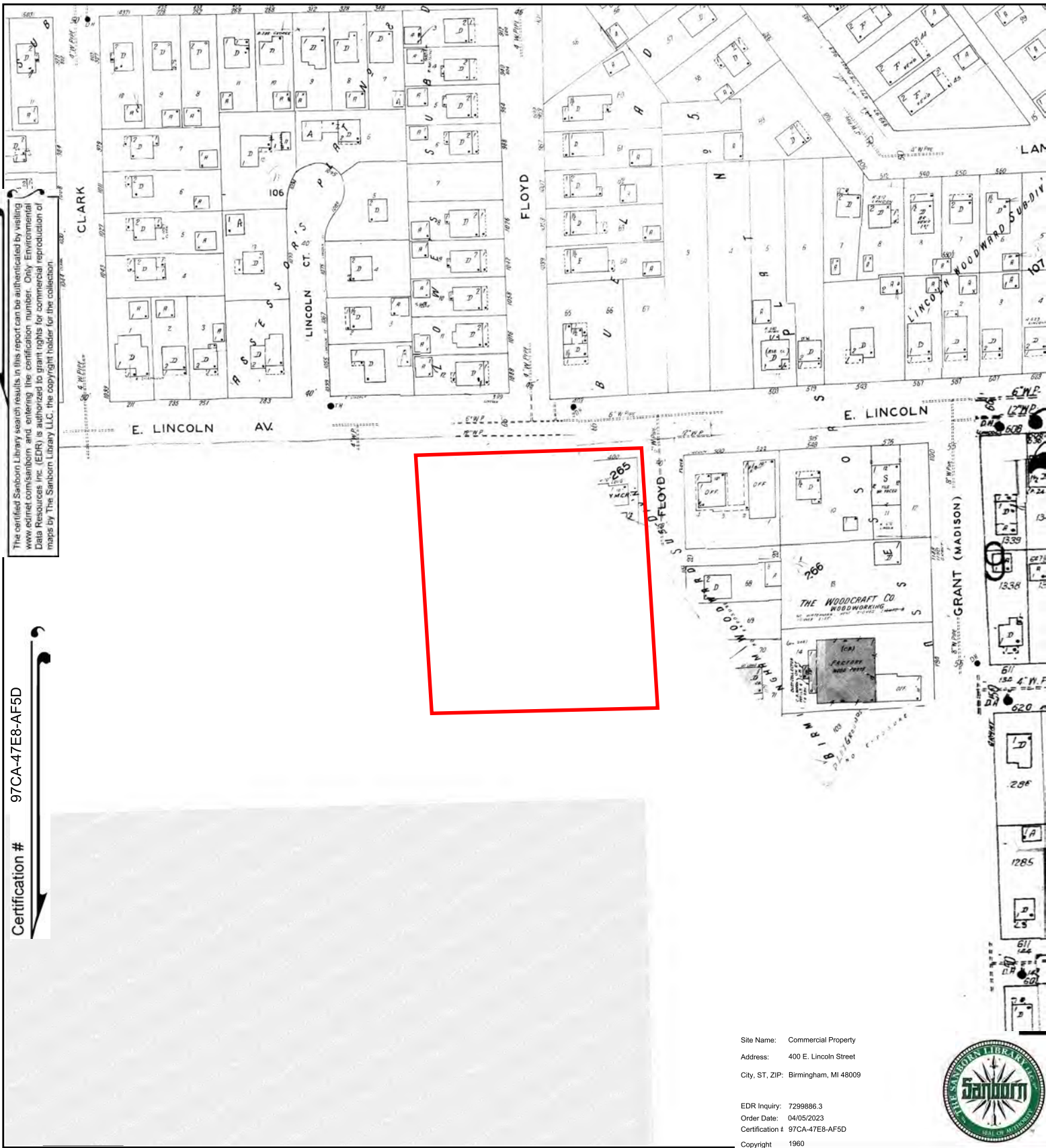


Volume 1, Sheet 18  
1931

### 1926 Source Sheets



Volume 1, Sheet 5  
1926



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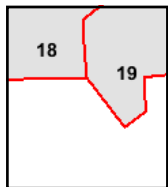
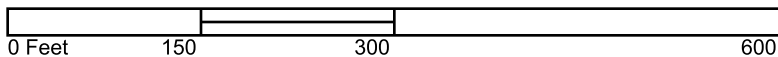
Certification # 97CA-47E8-AF5D

Site Name: Commercial Property  
 Address: 400 E. Lincoln Street  
 City, ST, ZIP: Birmingham, MI 48009

EDR Inquiry: 7299886.3  
 Order Date: 04/05/2023  
 Certification # 97CA-47E8-AF5D  
 Copyright 1960



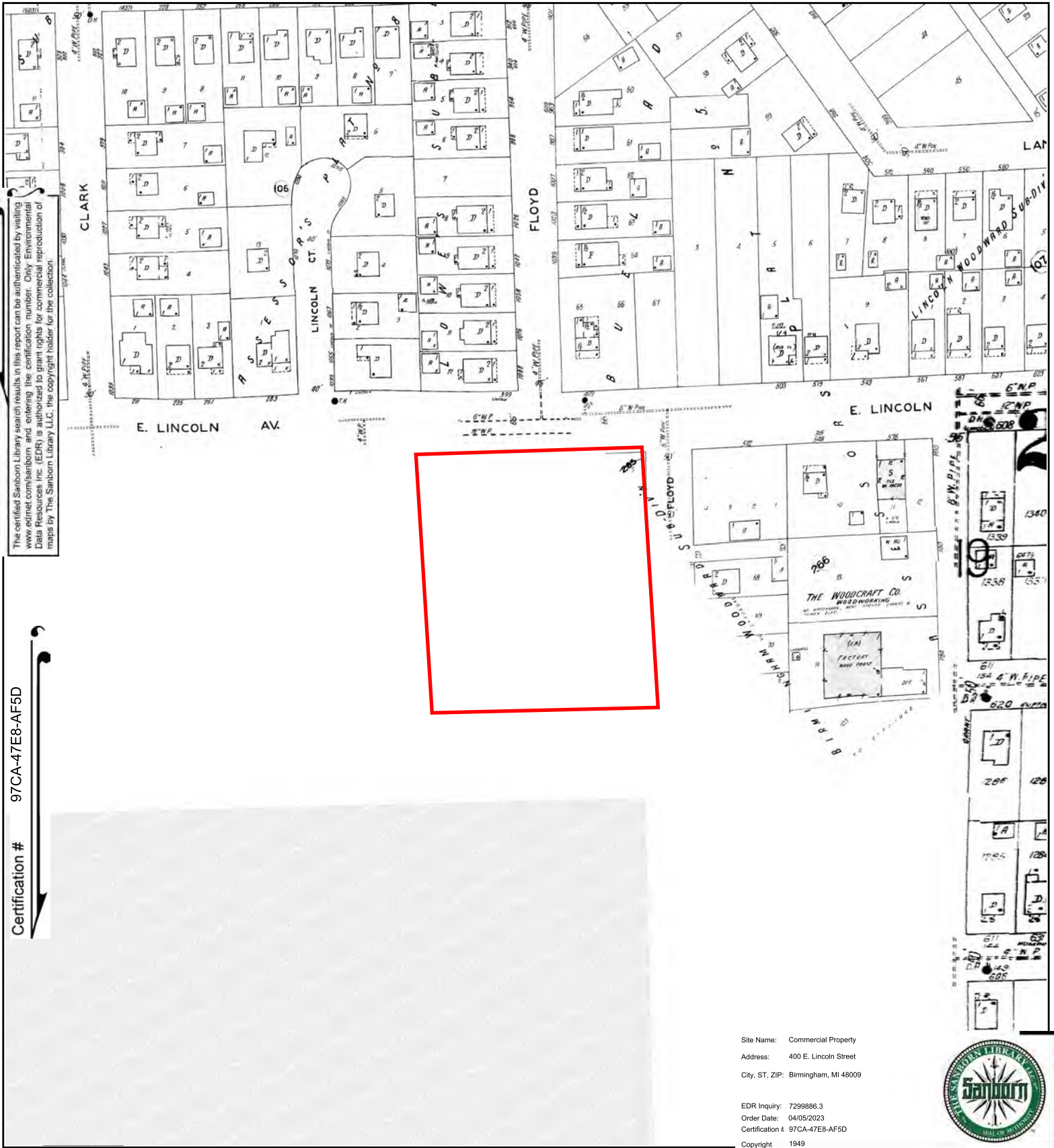
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



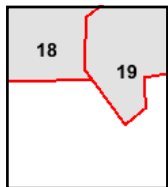
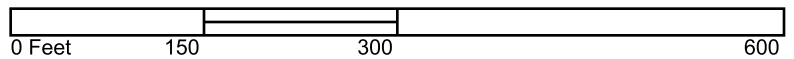
Volume 1, Sheet 18  
 Volume 1, Sheet 19





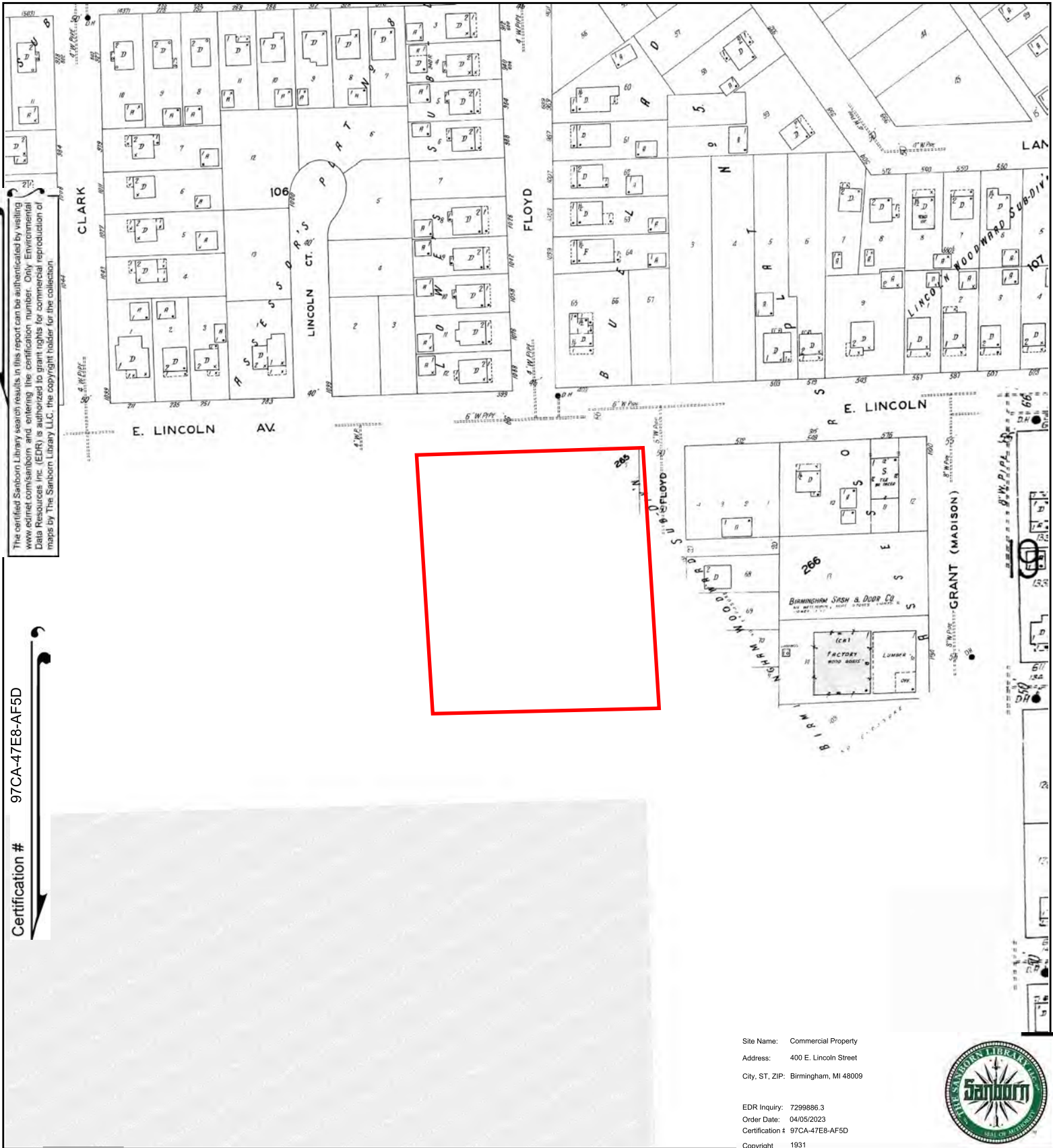


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 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 19  
 Volume 1, Sheet 18





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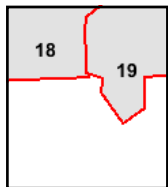
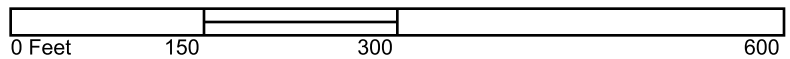
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Site Name: Commercial Property  
 Address: 400 E. Lincoln Street  
 City, ST, ZIP: Birmingham, MI 48009

EDR Inquiry: 7299886.3  
 Order Date: 04/05/2023  
 Certification # 97CA-47E8-AF5D  
 Copyright 1931



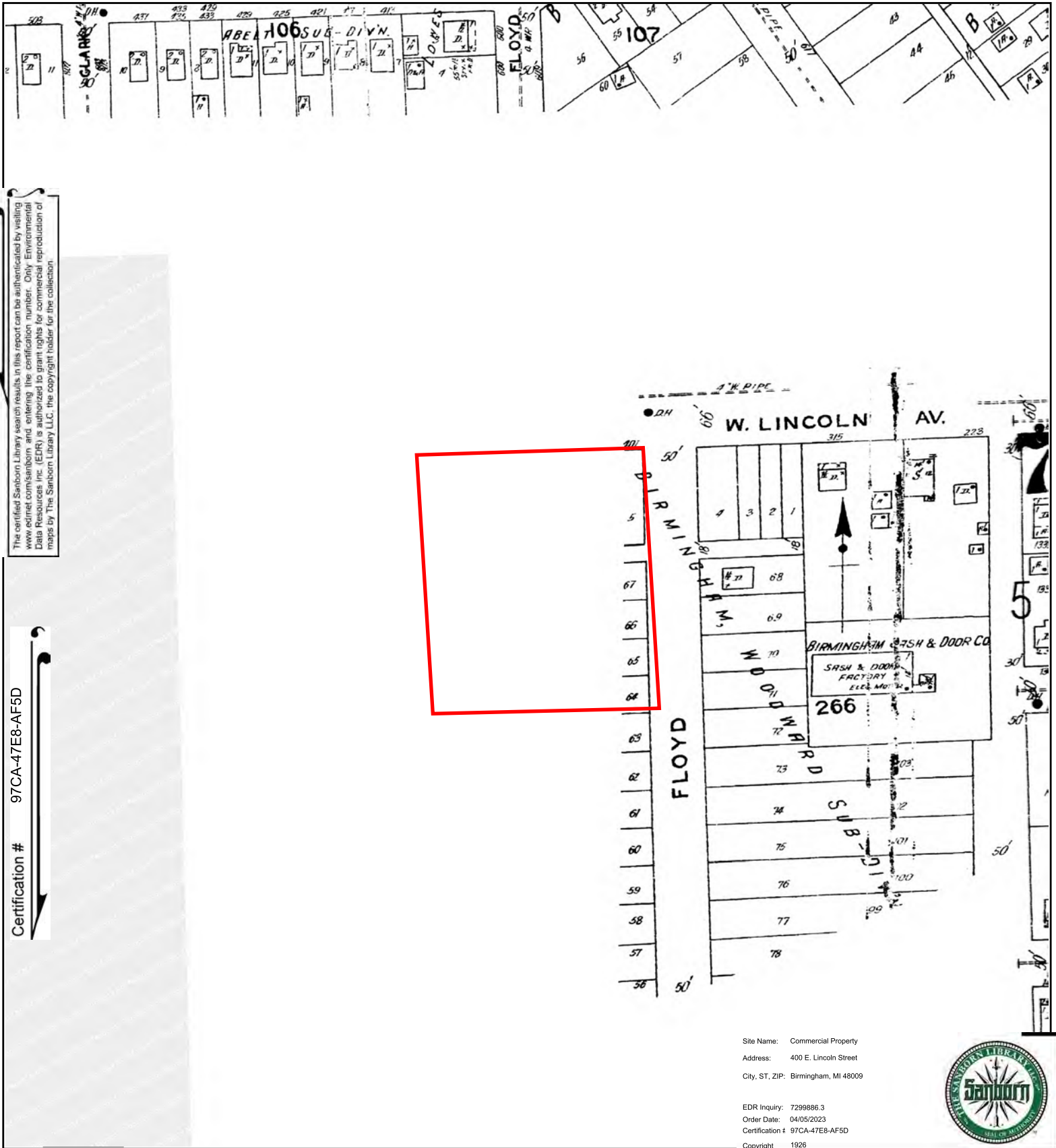
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Volume 1, Sheet 18  
 Volume 1, Sheet 19







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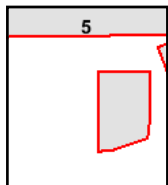
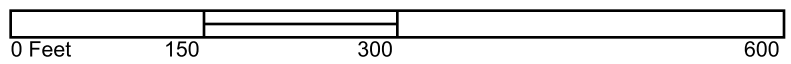
Certification # 97CA-47E8-AF5D

Site Name: Commercial Property  
 Address: 400 E. Lincoln Street  
 City, ST, ZIP: Birmingham, MI 48009

EDR Inquiry: 7299886.3  
 Order Date: 04/05/2023  
 Certification # 97CA-47E8-AF5D  
 Copyright 1926

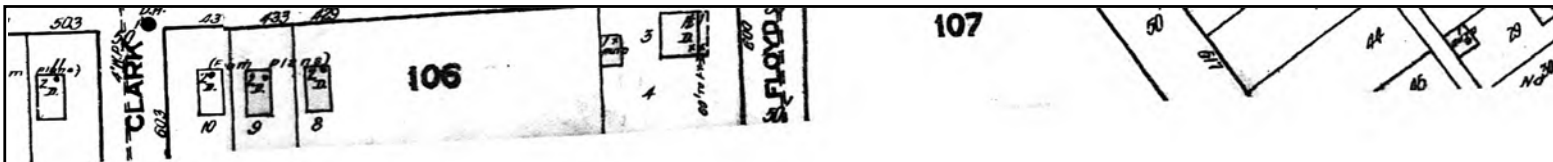


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5





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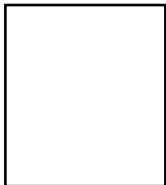
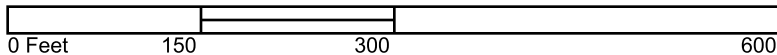
Certification # 97CA-47E8-AF5D



Site Name: Commercial Property  
Address: 400 E. Lincoln Street  
City, ST, ZIP: Birmingham, MI 48009  
EDR Inquiry: 7299886.3  
Order Date: 04/05/2023  
Certification # 97CA-47E8-AF5D  
Copyright 1921



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



**APPENDIX I:**

**EDR CITY DIRECTORY ABSTRACT**

**Commercial Property**

400 E. Lincoln Street  
Birmingham, MI 48009

Inquiry Number: 7299886.5

April 07, 2023

# The EDR-City Directory Image Report

# TABLE OF CONTENTS

## SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bresser's Cross-Index Directory Company
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bresser's Cross-Index Directory Company
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bresser's Cross-Index Directory Company
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bresser's Cross-Index Directory Company
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1949	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1944	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1940	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1937	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

## EXECUTIVE SUMMARY

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
-------------	----------------------	---------------------	---------------



## FINDINGS

### TARGET PROPERTY STREET

400 E. Lincoln Street  
Birmingham, MI 48009

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### E LINCOLN ST

2020	pg A2	EDR Digital Archive
2017	pg A4	Cole Information
2014	pg A6	Cole Information
2010	pg A8	Cole Information
2005	pg A10	Cole Information
2000	pg A12	Cole Information
1995	pg A14	Cole Information
1992	pg A16	Cole Information
1987	pg A17	Bresser's Cross-Index Directory Company
1982	pg A18	Bresser's Cross-Index Directory Company
1977	pg A19	Bresser's Cross-Index Directory Company
1972	pg A20	Bresser's Cross-Index Directory Company
1967	pg A21	Bresser's Cross-Index Directory Company
1962	pg A22	Bresser's Cross-Index Directory Company
1957	pg A23	Bresser's Cross-Index Directory Company
1957	pg A24	Bresser's Cross-Index Directory Company
1954	pg A25	Bresser's Cross-Index Directory Company
1954	pg A26	Bresser's Cross-Index Directory Company
1949	pg A27	Polk's City Directory
1949	pg A28	Polk's City Directory
1944	pg A29	Polk's City Directory
1940	pg A30	Polk's City Directory
1937	pg A31	Polk's City Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

## E LINCOLN ST 2020

171	Elizabeth Rozier Frances Rozier Michael Lodish
191	June Romano
192	Aaron Ferfecki Frank Ferfecki Joyce Ferfecki
211	Julie Bergesen
235	Arden Schwayder Arthur Lanciers Ellen Humphrey Michael Humphrey Olivier Caramelle SACHSE CONSTRUCTION & DEVMNT Susan Lanciers
251	David Gurevitch Suzanne Coutchie
280	BIRMINGHAM BIBLE INSTITUTE GRACE BAPTIST CHURCH PROJECT DELTA
283	Kim Fox
400	BIRMINGHAM BLUE DOLPHINS YMCA
505	Alphonzo Breedlove Angela Taylor Briana Jones Caroline Koebbe Cole Neumann David Kozlowski Edward Simon Gina Fuller Hassae Jones Jermaine Carter Judith Keefer Kimberly Bauman LINCOLN HOUSE APARTMENTS Luther Lawton Meg Grow Michael Bauman Michael Nagler NORBER BUILDERS Nyjae Jones Priti Shah Shannon Kashat Veronica Gordon William Jones
519	Andrew Kopietz Daiman Lake Michael Mansour
522	BASTIANELLI DAVID DDS

**E LINCOLN ST**

**2020**

**(Cont'd)**

522	KRAMM & ASSOC DENTAL LAB
543	Edythe Ford Leah Foreman
575	Kathleen Marinelli Patricia Drury Patricia Studier
576	BIRMINGHAM-BLOOMFIELD CU CREDIT UNIONS CHARTERED
600	Geoffrey Sack Marshall Sack
636	Blain Reinkensmeyer Camila Ferreira COLORSTRIPP INC Daniel Keaton
648	Christopher Costello
656	Anthony Scigliano Elissa Scigliano

**E LINCOLN ST 2017**

112 BAILEY, DAVID H  
 115 OCONNOR, MELINDA M  
 131 ACOMB, FREDERICK A  
 138 WHITE, IAN  
 151 SMITH, DAVID M  
 171 LODISH, MICHAEL T  
 191 ROMANO, JUNE C  
 192 FERFECKI, FRANK J  
 211 BERGESEN, JULIE G  
 251 JAFFE, PHILIP A  
 280 GRACE BAPTIST CHURCH  
 283 FOX, KIM J  
 400 BIRMINGHAM BLUE DOLPHINS  
 YMCA  
 505 BAUMAN, KIMBERLY R  
 BREEDLOVE, ALPHONZO L  
 CAMBRIDGE, PAUL J  
 CONNER, ELISE R  
 FAIN, ROBERT M  
 JONES, HASSAE M  
 KEEFER, JUDITH L  
 KOEBBE, CAROLINE J  
 LESSER, ZOE A  
 LINCOLN HOUSE APARTMENTS  
 NAGLER, MICHAEL J  
 NORBER BUILDERS  
 ROTHENBERG, JESSICA B  
 SCHUMACHER, JILL  
 519 LAKE, DAIMAN R  
 522 DAVID BASTIANELLI DDS  
 KRAMM & ASSOCIATES DENTAL LAB  
 543 DENDRINOS, JOHN  
 575 ANDREWA, DELTHENIA M  
 COHEN, STEPHEN N  
 FELDMAN, MARNI A  
 STUDIER, PATRICIA E  
 576 BIRMINGHAM BLOOMFIELD CREDIT UNION  
 602 FORD, JOHN C  
 636 ARDIS, DANIEL R  
 648 LLOYD, VIVIENNE M  
 656 SEIGLIANO, ELISSA G  
 671 BADEMOSI, JOHNSON  
 673 LEFKOWITZ, BRADLEY  
 675 WY SOCKI, KRISTIN  
 677 GOODMAN, JOLIE J  
 690 DUNCAN, D  
 703 ARRINGTON, KARL D  
 708 NOBLES, WALTER  
 752 NICKITA, MARK G  
 774 COLANGELO, ANGELA



-

**E LINCOLN ST**

**2017**

**(Cont'd)**

788	GOLD, DANA
800	ASHLEIGH, CAROL J
832	STUTZ, JONAH L
848	GALBRAITH, JOHN A
888	JORDAN, GORDON H



## E LINCOLN ST 2014

112	BAILEY, DAVID H
115	OCCUPANT UNKNOWN,
130	SAAD, IBTIHAGE
131	ACOMB, PETER C
138	PALM, LEE A
151	SMITH, DAVID M
152	KAUFMAN, ELIZABETH B
171	LODISH, KELLY A
172	OCCUPANT UNKNOWN,
191	ROMANO, JUNE C
192	FERFECKI, FRANK J
211	OCCUPANT UNKNOWN,
235	CARMELLE, OLIVIER
251	JAFFE, PHILIP A
280	BIRMINGHAM BIBLE INST
	GRACE BAPTIST CHURCH OF BIRMINGHAM
283	FOX, GERTRUDE R
400	BIRMINGHAM FAMILY YMCA
	YMCA
505	BREEDLOVE, ALPHONZO
	CAMBRIDGE, ELIZABETH A
	CRENSHAW, CREIGHTON D
	DICLEMENTE, K
	FAIN, ROBERT M
	GERASCI, MARIA T
	HOTCHKISS, ROBERT B
	JONES, HASSAE M
	LASKY, BROOKE
	LEFKOWITZ, BRANDON S
	LESSER, ZOE A
	LINCOLN HOUSE APARTMENTS
	NAGLER, MICHAEL J
	NORBER BUILDERS
	POLLACK, CHRISTINA F
	SHALLVARI, IVA
519	ATTO, JEFFREY J
522	BASTIANELLI DAVID DDS
	BASTIANELLI, DEBORAH
	KRAMM & ASSOCIATES DENTAL LAB
543	BELLWARE, THOMAS
	CHICKERING, JULIANNE M
	DENDRINOS, MELINA L
	HAARER, MICHELLE A
575	ANDREWA, DELTHENIA M
	FELDMAN, MARNI A
	KELIN, DOUGLAS E
	LACHOVER, RACHEL T
576	BIRMINGHAM BLOOMFIELD CREDIT UNION
602	FORD, JOHN C
	GANDHI, RASIK M

**E LINCOLN ST**

**2014**

**(Cont'd)**

636	ARDIS, DANIEL R
656	SCIGLIANO, ANTHONY P
671	WARNER, AMANDA C
677	OCCUPANT UNKNOWN,
690	DUNCAN, D
701	LEBUS, BARBARA M
703	ARRINGTON, KARL D
708	WALTER, NOBLES
728	OCCUPANT UNKNOWN,
752	NICKITA, MARK G
772	OCCUPANT UNKNOWN,
774	OCCUPANT UNKNOWN,
788	HAMILTON, SUZETTE
800	RUBY, CAROL J
832	STUTZ, JONAH L
848	GALBRAITH, JOHN A
872	OCCUPANT UNKNOWN,
888	JORDAN, GORDON H

## E LINCOLN ST      2010

112	BAILEY, DAVID H
115	WHAN, JEREMY M
130	SAAD, IBTIHAGE
131	ACOMB, FREDERICK A
151	TRAINA, STACY D
152	LALL, SUNIL U
171	LANG, KENNETH G
172	OCCUPANT UNKNOWN,
191	ROMANO, JUNE C
192	FERFECKI, FRANK J
211	LOCKER, JOHN H
235	CARMELLE, OLIVIER
251	JAFFE, PHILIP
280	BIRMINGHAM BIBLE INSTITUTE GRACE BAPTIST CHURCH
283	FOX, KIM J
400	YMCA
494	SHAYA, SHAUN M
505	ALIC, SANIN BAUMAN, KIMBERLY BREEDLOVE, AL CRENSHAW, YVONNE FLEMING, DOUGLAS D GRAZIANO, EZRA HOTCHKISS, ROBERT B LINCOLN HOUSE APARTMENTS LLONILLO, ROGELIO C MACKELLAR, ANDREW S NAGLER, MICHAEL J NICOL, JEREMY NORBER BUILDERS RAZNICK, JASON T SILVERMAN, JEFFREY C STEIGER, DAVID VALENTINE, CHRISTINA A
519	DAY, JASON R
522	BASTIANELLI DAVID DDS KRAMM & ASSOC DENTAL LAB
525	MASTRONARDI, DIANA
575	ANDREWA, DELTHENIA M FELDMAN, MARNI A TODOR, PAMELA D
576	BIRMINGHAMBLOOMFIELD CU
636	OCCUPANT UNKNOWN,
648	HOFFMANN, ELIZABETH M KESLAY, DEVORAH M
675	BLOCH, MARY L
677	PEARCE, CHRIS S
690	HIRSCH, STACEY B LEIBOVITZ, SCOTT M

**E LINCOLN ST**

**2010**

**(Cont'd)**

701 LEBUS, BARBARA M  
703 ARRINGTON, KARL D  
708 WALTER, NOBLES  
728 WOJTALEWICZ, JEFFREY M  
752 NICKITA, MARK G  
772 OCCUPANT UNKNOWN,  
788 OCCUPANT UNKNOWN,  
800 RUBY, CAROL J  
848 LEGACY, SABRINA M  
872 OCCUPANT UNKNOWN,  
888 GORDON, H D

## E LINCOLN ST      2005

112	BAILEY, DAVID H
115	ALEXANDER, ERIN E
130	SAAD, IBTIHAGE
131	ACOMB, FREDERICK A
151	FINKEL, MORTON B
152	LALL, SUNIL U
171	OCCUPANT UNKNOWN,
172	DIETZ, MARY C
191	ROMANO, JUNE C
192	FERFECKI, FRANK J
211	OCCUPANT UNKNOWN,
235	CAMELLE, OLIVIER
251	COUTCHIE, SUZANNE
280	GRACE BAPTIST CHURCH OF BIRMINGHAM
283	FOX, KIM J
400	BIRMINGHAM FAMILY Y M C A
	YOUNG MENS CHRISTIAN ASSOCIATION
494	SHAYA, SHAUN
500	BIRMINGHAM BLOOMFIELD CREDIT UNION
505	ALVAREZ, J
	BAUMAN, KIMBERLY R
	BEURER, TERRENCE M
	EDWARDS, ANITRA V
	ELLENBERGER, KAREN S
	FEINMAN, JASON M
	KATZ, TRACY L
	LEVY, HONORA L
	LINCOLN HOUSE APARTMENTS
	LUCAS, MICHAEL A
	MOLIK, DOUGLAS K
	NAGLER, MICHAEL J
	PERJUCI, FLORENT
	RAZNICK, JASON T
	RETIREMENT FINANCIAL SERVICES
	STEIGER, DAVID
519	DAY, JASON
522	BASTIANELLI, DAVID
	KRAMM & ASSOCIATES DENTAL LAB
543	MORRISON, IMELDA D
575	BELL, STEFFANIE J
	DRURY, PATRICIA A
	EBERHART, EDWARD M
	FELDMAN, MARNI A
	LEVINE, STACEY
	WRIGHT, CAROL
576	BIRMINGHAM BLOOMFIELD CREDIT UN
600	OCCUPANT UNKNOWN,
602	OCCUPANT UNKNOWN,
636	ROMERO, ALLEN C
648	COUTCHIE, SUZANNE L

**E LINCOLN ST**

**2005**

**(Cont'd)**

671 KURZMANN, ROBERT  
673 SORIAL DAVID  
SORIAL, DAVID  
677 LAWLEY, PRESTON  
690 KEMENNU, PATRICK E  
LEIBOVITZ, ANDREW  
701 LEBUS, BARBARA M  
703 ARRINGTON, KARL D  
708 DEVITA, JOSEPH L  
728 WOJTALEWICZ, JEFFREY M  
752 NICKITA, MARK G  
772 SAFFAR, AMAD R  
774 MULLINS, DANIEL A  
800 ASHLEIGH, CAROLINE M  
832 HENDRY, IAN  
848 ELBAZ, DANIELLE A  
872 OCCUPANT UNKNOWN,

**E LINCOLN ST 2000**

112	BAILEY, DAVID
115	BOSLEY, DAVID
130	LIBBY, GEORGE R
131	JAWORSKI, GREGORY J
151	FINKEL, MORTON B
152	OCCUPANT UNKNOWN,
171	MAKOWSKI, S J
172	DIETZ, MARY C
191	ROMANO, JUNE C
192	FERFECKI, FRANK
211	LEWISTON, JASON
212	VANDERFORD, JOHN G
235	OCCUPANT UNKNOWN,
251	GULLO, K B
280	BIRMINGHAM BIBLE INSTITUTE
	GRACE BAPTIST CHURCH OF BIRMINGHAM
283	FOX, G
400	DETROIT MEDICAL CENTER
	Y M C A OF METROPOLITAN DETROIT
	Y M C A OF METROPOLITAN DETROIT BRANCHES
403	SMALLWOOD, BEN
433	CASWELL, RODNEY L
500	JOHNSTONE SANDRA DESIGN ASSOCIATES INCORPORATED
504	NORTHCOTE, JASON
505	BAUMAN, K R
	BERNZWEIG, PAUL
	BUCCELLATO, BETH
	COHEN, JOSHUA S
	DOYLE, ISABEL M
	FRIEDENZOHN, DANIEL L
	GIENAPP, ROGER
	LACKI, M
	LEFF, STACY
	LEVY, JODI
	LINCOLN HOUSE APARTMENTS
	LUCAS, PAMELA J
	MCDERMID, ROB
	PERJUCI, FLORENT
	PERLMUTTER, CRAIG
	POPILEK, DAVID
	PRINJA, REENA
	STEIGER, DAVID
	WELLS, ANNE
	WILENKIN, B
519	FICHERA, ANTHONY P
522	BASTIANELLI DAVID DDS
	BASTIANELLI, D
543	NEWNAM, ERIN
	TROMPICS, KERRI A
575	APPLEBAUM, ALEC S

**E LINCOLN ST****2000****(Cont'd)**

575	BERGER, ALBERT
	CICCI, MARGY D
	COHN, TOM
	DRURY, P A
	MATLEN, MARC
	SCHWARTZ, STACEY
	WILLIAMSON, MICHAEL A
576	BIRMINGHAM BLOOMFIELD CREDIT UNION
600	FRIED, GARY
602	OCCUPANT UNKNOWN,
636	WEBER, JEFFREY M
648	COUTCHIE, SUZANNE L
	GOREN, RICK
	KLEIN, ELLIE
671	OCCUPANT UNKNOWN,
673	SORBO, LISA E
675	OCCUPANT UNKNOWN,
677	OCCUPANT UNKNOWN,
690	LEE, REBECCA K
701	LEBUS, BARBARA
703	ARRINGTON, KARL D
708	ROOKE, NATALIE J
728	WOJTALEWICZ, JEFF M
752	NICKITA, MARK G
772	SAFFAR, AMAD
774	OCCUPANT UNKNOWN,
788	LINDSTROM, LINDA
800	ASHLEIGH, CAROLYN
832	OCCUPANT UNKNOWN,
848	TROWBRIDGE, GORDON
872	BOUWENS, YVES



## E LINCOLN ST

1995

112 BAILEY, DAVID  
 115 SHERWOOD LANDSCAPING  
 130 LIBBY, GEORGE R JR  
 131 OCCUPANT UNKNOWN  
 151 MOORE, PATRICK  
 152 OCCUPANT UNKNOWN  
 171 HADDAD, SHERYL  
 LODISH, KELLY  
 MCSWIGAN, CHARLES  
 172 BERG, TERRY  
 191 OCCUPANT UNKNOWN  
 192 FERFECKI, FRANK  
 211 BROOKS & LEWISTON HOMES INC  
 LEWISTON, JASON  
 235 HUMPHREY, MICHAEL  
 251 CARMAN, SUSAN L  
 280 BIRMINGHAM BIBLE INSTITUTE  
 GRACE BAPTIST CHURCH  
 400 YMCA  
 YMCA METRO DETROIT  
 403 SMALLWOOD, BEN  
 500 HETES & ASSOC INC  
 SANDRA JOHNSTONE DESIGN ASSOC  
 505 ACKERMAN, M J  
 BARNES, JAMIE  
 BEYERLEIN, KERRY  
 BOGGS, DAVID  
 COLTON, JAYSON  
 DECHTER, LISA  
 DOYLE, ISABEL M  
 EISENBERG, ALISON  
 FULTS, C  
 HADDAD, WADE  
 HAHN, WILLIAM  
 HOPKINS, RACHELE  
 HUFF, C  
 KARP, GABRIEL  
 LINCOLN HOUSE APARTMENTS  
 MARSHALL, JULIE  
 MENDIRATTA, S  
 NEVSHEHIR, NOEL  
 PATRICK CROCKER  
 SMITH, DANA  
 SUCHLAND, MARY  
 VANALLEN, MARC H  
 VESTEVICH, S A  
 VESTEVICH, WILLIAM P  
 VIGEANT, PAUL R  
 WARGON, IRWIN  
 WELLS, ANNE

## E LINCOLN ST

1995

(Cont'd)

505	WENZEL, BRIAN
519	OCCUPANT UNKNOWNN
522	BASTIANELLI, DAVID
	DAVID BASTIANELLI DDS
	RUSSELL B STEPHENS DO
543	MCARTHUR, A
	SARKISOV, ANYA
575	COSGROVE, M
	DMYTRO, DEBBIE
	EVANS, GEORGE B
	HUGHES, J
	HURWITZ, S
	KUCZAJ, KELLY
	KURTIS, SHELLIE
	LIONTS, ELAINE
	REV G B EVANS
	SOKOL, BONNIE
	SOLOMON, SPENCER
	WEBER, E
576	BIRMINGHAM TEACHERS CU
600	CORRIDOR, RAY
602	OCCUPANT UNKNOWNN
636	WEBER, JEFFREY M
648	COSTELLO, C S
	MUMA, BRIAN
671	LAWLEY, PRESTON
675	CARLSON, GLEN A JR
677	GROSSMAN, SUSAN
690	ONG, MOLLY
	SHEA, KEVIN P
	TICHENOR, S
701	CONNELL, PAUL S
	STURDEVANT, K
703	ARRINGTON, KARL D
708	OCCUPANT UNKNOWNN
728	SNOW, DOUGLAS
752	NICKITA, MARK G
772	CATANZARO, KEENA B
774	LABBE, M
788	WARSHAW, PETER
832	HENDERSON, MAGGIE
848	DRONKEN, LEONA H
872	BOUWENS, YVES

**E LINCOLN ST****1992**

112	BAILEY, DAVID
115	SHERWOOD LANDSCAPG
130	LIBBY, GEORGE R JR
131	RUEL, BRIAN
171	TALLINGER, DIANE B III
172	BERG, TERRY
192	FERFECKI, FRANK
235	HUMPHREY, MICHAEL
251	CARMAN, SUSAN L
280	BIRMINGHAM BIBLE GRACE BAPT CH
400	BIRMINGHAM YMCA YMCA METRO DETROIT
500	HETES&ASSOCS INC S JOHNSTONE DESIGN
505	ACKERMAN, M J JACKSON, J J LINCOLN HOUSE APTS SCHOLZ, KIM SHAUGHNESSY, TIMOTHY J VESTEVICH, S A WENZEL, BRIAN
522	DR D BASTIANELLI DR R B STEPHENS
543	WALDENMEYER, A
575	REV G B EVANS
576	BHM TEACHR CRED UN
602	NELLER, BLAIR
648	MOORE, PARKER
701	CONNELL, PAUL S
728	SNOW, DOUGLAS
752	NICKITA, MARK G
772	SAFFAR, AMAD

## E LINCOLN ST 1987

RESIDENCE	BUSINESS
● LINCOLN E	48009
•• 1- 2499 T 1028	*C••D 9
112 DAVID BAILEY	8428624
115 FRANK A SHERWOOD	6427235
*SHERWOOD LANDSCAPG	5403009
130 GEORGE R LI88Y JR	6445080
131 ROBERT KNIGHTON	4 6483321
151 ALAN BERLINBERG	□8421419
*MOLLY MAID OF TROY	□8440200
152 ROBERT DEZIEL	□4331276
RICHARD L GREER JR	□4331276
166	NP
171 C A TALLINGER III	8465004
172	NP
191 P I RICHMOND	8 5407024
192 THOMAS AHEARN	6465299
211	NP
235 RICHARD G WALTON	-6464733
251 DAVID HILTY	5 5400998
MARIE A ONEIL	5 5400998
280*BIRMINGHAM 818LE	6462000
*GRACE BAPT CH	6462000
283 FORREST FOX	6468520
400*BIRMINGHAM YMCA	6449036
*YMCA METROPLTN DET	6444083
*YMCA BIRMMH BRNCH	6449038
*BIRMNGHM FAMLY BRN	5403770
403 BEN SMALLWOOD	6460342
500*G R COUSINS ARCHT	-6422866
*S JOHNSTONE DESIGN	6451670
505*LINCOLN HOUSE APT	6452999
*24 UNITS	
*TIM BROWN MGR	8452999
J BROWN	-4331419
CAL COOKE	4 8469838
RICHARD S ELIAS	6 6461114
RUSSELL E ELLIOTT	6474118
R H LIE8ETRAU JR	4 8465604
*LINCOLN HOUSE APTS	6452999
L MAST	□6426707
A B NORTON	1 6449180
MARGT S SADOWSKI	□6463915
K SCHOLZ	6 6465423
DOMINIC SPADAFORE	□6421615
SCOTT SUNDERMAN	□6478106
L C TARLETON JR	0 6469838
MICHAEL USHER	□4333670
S A VESTEVICH	□6428018
M G WATSON	8 6475272
ERIC C WEAVER	□6464386
BRIAN WENZEL	□6477606
ARTHUR WILLIAMS	4 8465604
J WULF	3 6445886
519	NP
522*8BROOKDALE CARRIAGE	□6450820
*DR R 8 STEPHENS	6444141
*DR RALPH A WILSON	6447231
543*8BUSY BEE NSY&DY CR	6452110
K D EVANCHO	3 5404682
548 567	NP
575 A AKAY	8 6469378
S H 8OGORAD	6 6455270
M COSGROVE	3 5406958
REV G 8 EVANS	1 6463385
REV G 8 EVANS	□6463385
S MORITZ	□6478831
WILLIAM SULLIVAN	6 2586094
576*BHM TEACHR CRED UN	6475958
587	NP
600 CHARLES LAVEN	9 6446008
602 607 823	NP

## E LINCOLN ST 1982

39 RESIDENCE	3 BUSINESS
● LINCOLN E	48009
•• 1- 2499 T 1028	SC••D12
112 DAVID BAILEY	6428624
115 FRANK A SHERWOOD	6427235
130 GEORGE R LIBBY JR	6445080
131 NP	
151 ROBT J SPAULDING	6472729
152 T D NOLAN	▣5401963
166 NP	
171 C A TALLINGER III 5	6465004
172 GERALD F MOYNAHAN 3	6472424
191 PETER RIEDE 8	6425180
192 THOMAS AHEARN	6465299
211*C&C CUSTOM BLDRS	6470087
DANE CHRISTY 0	6470087
235 NP	
251 E B DRIVER	-6423593
280*BIRMINGHAM BIBLE	6462002
*GRACE BAPT CH	6462002
283 FORREST FOX	6468520
400*BIRMINGHAM YMCA	6449036
*YMCA	6449036
*YMCA METROPLTN DET	6444083
403 BEN SMALLWOOD	6460342
500*S JOHNSTONE DESIGN	-6451670
*OCONNOR ASOC ARCHT	6471188
*E A OCONNOR ARCHT	6471188
505*LINCOLN HOUSE APTS	5570040
*MR CHRISTY MGR	5570040
TAEBAIK AHN	▣5402215
STEVE ALLENDER 9	6444866
MICHAEL W BUSH	▣5402485
S COMBS	▣6474377
FERN DONALDSON 9	6420846
H S EKLUND	▣6422592
RUSSELL E ELLIOTT 6	6474118
MARTIN FINGERROOT	▣6426043
A GALAROWIC 1	6424965
DAVID C HAMMOND	▣6420087
JOHN J HOHMANN 0	6440509
*LINCOLN HOUSE APTS	6452999
M F LINKNER 1	6465841
A B NORTON 1	6449180
LAURA RIESLAND 6	6451086
SCOTT W SHEVIN	-5403770
L C TARLETON JR 0	6469838
DAVID S TOLBERT 6	6425349
M G WATSON 8	6475272
LARRY WIETHORN 1	6425987
TOM WIETHORN 1	6425987
519 ELTON ALPERS	6446769
522*DR JOHN P CAMPBELL	6445333
*DR R B STEPHENS	6444141
*DR RALPH A WILSON	6447231
543*BUSY BEE NSY&DY CR	6452110
T M DROSTE	▣6424387
548 567 NP	
575 T V BACON	▣6427226
B BRODSKY 0	5404356
B BRODSKY 0	5404356
REV G B EVANS 1	6463385
N JENSEN	-6442896
GILBERT M ROSE 1	6444776
K SCHWARZ	▣6447253
ELLSION VIEIRA	▣6452496
576*BHM TEACHR CRED UN	6475958
587 NP	
600 CHARLES LAVEN 9	6446008
602 607 623 NP	
636 CARL CRONK	▣6422292
A FIRSTEN	-6423291
643 LUCIUS J JACKSON	6465411
648 A BURTON 1	6422035
690 708 728 NP	
752 K FREDERIKSEN	▣6421912
772 DENNIS DIPONIO	▣6426408
774 NP	
788 A KAUFMAN 6	6426752
S SWIFT 7	6426752
832 A L LARSEN	6444297
848 NP	
872 VICKI L SWEITZER	▣6470216
.....	48011
920*HAGEL REALTY CO	6459140
*MARVIN HAHN INC	6463660
DANIEL J HOSPER 1	6427354

E LINCOLN ST 1977

RESIDENCE	BUSINESS
● LINCOLN E 48009	
1- 2499 T	1028 \$C..012
112 DAVID BAILEY	2 6428624
115 FRANK A SHERWOOD	9 6427235
130 GEORGE R LIBBY JR	6445080
131	NP
151 ROBT J SPAULDING	6472729
166	NP
171 C A TALLINGER III	5 6465004
172 GERALD F MOYNAHAN	3 6472424
191 JOHN OOZIER	-6425091
192 THOMAS AHEARN	0 6465299
211 MERNIE M BROWN	MI64377
235 G M ANDERSON	MI47242
251 E B DRIVER	0 6423593
280*BIRMINGHAM BIBLE	MI62002
*GRACE BAPT CH	MI62002
283 FORREST FOX	6468520
400*YMCA OF METRO DET	MI49036
*YMCA METROPLTN DET	6444083
403 BEN SMALLWOOD	MI60342
500*PAUL MOFFETT ARCHT	MI62600
505*APARTMENTS	
*K SHIPLRO MGR	
RALPH SPIKE BURTON	-6459192
RUSSELL E ELLIOTT	6 6474118
K A FAROUGH	□6446392
MARY L GENDERNALIK	□6428272
CHRISTINE GRANT	□6464059
*O GREEN	-6461131
J GREEN	6 6451546
J A HAHN	□6460295
RICHARD P HERBST	6 6450534
THOMAS J HERBST	6 6450534
LESLEY B LEVINE	□6428676
K A LEWIS	-6441423
R L MAULSBY	□6451497
DON NOLAN	6 6459497
RICHARD A POLK	□6463396
LAURA RIESLAND	6 6451086
WILLIAM ROBERTS	□6474867
MICHAEL S ROSS	6 6474938
ROBERT A RUBY	-6428272
ANDREW J RUDEN	-6455159
SUZANNE SCHROEDER	6 6451546
KENNETH H SHAPIRO	□6428676
WILLIAM SHEFFER	6 6474867
ROBERT STEPEK	-6424640
DAVID S TOLBERT	6 6425349
519 ELTON ALPERS	6446769
522*DR JOHN P CAMPBELL	6445333
*DR R B STEPHENS	MI44141
*DR RALPH A WILSON	-MI47231
543*BUSY BEE NSY&DY CR	6452110
548	NP
567	NP
576*BHM TEACHR CRED UN	6475958
587	NP
607	NP
623	NP
636	NP
643 LUCIUS J JACKSON	MI65411
648 B G HAXTER	□6422546
MARY L MCMANUS	MI44446
690 GLEN L REED	□6450226
J THOMAS WHETSTONE	□6425483
708 GEO W GILLINGHAM	6466560
728	NP
752 RAYMOND M SMITH	MI66660
772 RICHARD GRINSTEIN	-6477563
N C TAYLOR	-6469533
774 S GOLOEN	-6425319
788 A KAUFMAN	6 6426752
S SWIFT	□6426752
832 A L LARSEN	MI44297
848	NP
872	NP
***** 48011	
920*JACK E OILLON RLTY	6473666
*HAGEL REALTY CO	6459140
*MARVIN HAHN INC	6463660
*ARNOLD HAVILAND CO	6468661
*PAHOLAK&WINTER AGY	6423055
*IAN SLOAN DESG NR	□6476840
***** 48008	
1101*REXS SALON	MI61285
1155 R L MOORE	6 6424574
1171 MERTON J WISHART	6475131
1176 L FARBOTA	5 6469745
1190 DAVID S GRUMMON	□6421612



## E LINCOLN ST 1972

7 RESIUCENCE

LINCOLN E 48009

\*\*\* 1- 2499 T 1028 \$C..012

112 DAVID BAILEY -6428624  
MRS I J POTTER 6460516

115\*LALECHE LEAGUE 06450667  
FRANK A SHERWOOD 9 6427235

130 GEORGE R LIBBY JR 6445080

131 NP

151 ROBT J SPAULDING S 6472729

152 JOHN H CHICK JR 06450817

171\*AMERICAN BLDG CO 06475381

192 THOMAS AHEARN 0 6465299

211 MERNIE M BROWN MI64377

23S G M ANDERSON MI47242

251 WILLIAM M QUOLEY 06423593  
E B ORIVER 0 6423593

280\*GRACE EAPT CH MI62002

283 FORREST FOX 6468520

400\*YMCA OF METRO PCNT 0MI49036  
\*INTER-CH COUNSLG 6451577

403 BEN SMALLWOOD MI60342

500\*PAUL MOFFETT ARCHT MI62600

519 ELTON ALPERS MI46769

522 OR J P CAMPBELL 8 6445333  
\*OR R B STEPHENS MI44141

543\*P E BRONSON ANTO C 6465333

567 A H WOOD 1 6425821

576\*BRMNGHM TRACNG POS 0MI47220

587 THOMAS J HECTOR 06452957

607 NP

623 BILL J STUTTE 7 6469077

636 NP

643 LUCIUS J JACKSON MI65411

648 MARY L MCMANUS MI44446

CHAS G STRELINGER 7 6464925

690 A M OENYES 7 6474529  
CAROL WYATT 0 6476074

708 GEO W GILLINGHAM 6466560

752 RAYMOND M SMITH MI66660

772 NP

788 BENNETT M BROWN 0 6445261

832 A L LARSEN MI44297

848 NP

872 WALTER F NCONAN 7 6472991

..... 48011

920\*MCGRAW-EDISON CO 06423055  
\*MARVIN HAHN INC 6463660  
\*PAC ASSOC CO -6440659  
\*BILL PAHOLAK AGENC 06423055  
\*S E QUINN CNSLTNT 6474684  
\*REDMOR SALES 6426110  
\*HAGEL REALTY CO 6459140  
\*ARNOLD HAVILENO CO 6468661  
\*INDUSTR L CONTRACTS 6472972

..... 48008

1101\*REXS SALON MI61285

115S GERALD G LCANNSTROM 06450814

1171 MERTON J WISHART 6 6475131

1176 BARRY SAWYER 1 6440064

1191 NP

1211 FAWZI PETRUS 8 6424774

1212 NP

1231 LEONARD YAGER MI68593

1240 MYRON T PATTERSON 9 6443838

1247 T M PILAN 0 6475135

1258 BOBBIE BUELL 0 MI64755  
PAUL G WEINKAUF MI64755

1272 ROSEMARY THORPE 1 6448848

1277 SHARON KRUGER 06425284

1295 LOUIS G ANDERSON 8 6424277

1296 JAMES C BURGE 6471689

1308 NP

1311 EDWARD E HOPPER MI41645

## E LINCOLN ST 1967

LINCOLN E		48009
.....	1- 2499 TZ3028	\$C..D12
112	MRS I J POTTER	6460516
115	DR J M LINDSEY JR6	6443153
130	GEORGE R LIBBY JR	MI45080
131	NP	
151	ROBT J SPAULDING 5	6472729
152	J E FITZPATRICK 3	MI63614
171	ROGER L COOMBS	6471767
172	NP	
191	NP	
192	THOMAS AHEARN	MI65299
211	MERNIE M BROWN	MI64377
235	G M ANDERSON	MI47242
251	NP	
280*	GRACE BAPT CH	MI62002
283	FORREST FOX	MI68520
400*	YWCA METROPOLITAN	MI49036
403	BEN SMALLWOOD	MI60342
500*	PAUL MOFFETT ARCHT	MI62600
503	MRS NORMAN SHO VAN	MI45717
519	ELTON ALPERS	MI46769
522*	DR R B STEPHENS	MI44141
543*	ELIZABETH BRONSON	6465333
548	NP	
1/2	NP	
567	DAVID P GLOOR	6428047
576*	TRADING POST	MI47220
587	NP	
607	CLAUDE BLANKENSHIP	6 6475573
623	BILL J STUTTE	-6469077
636	NP	
643	LUCIUS J JACKSON	MI65411
648	MARY L MCMANUS 0	MI44446
	CHAS G STRELINGER	-6464925
690	MARIE R MAHLER	MI61906
	A M DENYES	6474529
708	GEO W GILLINGHAM	MI66560
727	SEYMOUR BLAKLEY	MI66370
728	CHARLES C SAWYER	MI69366
752	RAYMOND M SMITH	MI66660
772	MANFRED SABATKE 6	6476656
774	NP	
788	BENNETT M BROWN 5	MI45261
832	A L LARSEN	MI44297
848	NP	
872	WALTER F NOONAN	6472991
.....		48011
920*	MARVIN HAHN INC	MI63660
	*ELDEN SLS PRMTN CO	MI63661
	*DRESSER MEASUREMNT	MI67240
	*REDMOR SALES	6426110
	*ARNOLD HAVILEND CO	6468661
	*S E QUINN SNSLTNT	6474684
.....		48008
1101*	JOHN F KOLAR ASSOC	6471166
	*AB EMBLEM CORP	6471975
	*ROBERT L GUTOWSKI	6471975
1155	C A MORGAN	6429576
1171	MERTON J WISHART 6	6475131
1176	KENNETH ERICKSON	MI41064
1211	NP	
1212	ROBERT E BOAK 6	6444239
1231	LEONARD YAGER	MI68593
1240	DON R COTTERMAN	-6429656
	ROBT A COTTERMAN	-6429656
1247	M MILLER SCHOPPE 6	6472737
1258	G WEINKAUF	MI64755



## E LINCOLN ST 1962

## LINCOLN E

..... TO- 2499 TZ3028 \$C..D12  
 112 H D SIEVERTSEN MI64012  
     KENT D JOHNSON -6471148  
 115 L W BRANCHEAU MI68957  
 130 GEORGE R LIBBY JR MI45080  
 131 NP  
 151 JACK PIERCE -6473121  
     \*THE FLECTO CO INC -6473121  
     J B PIERCE 6473122  
 171 MELVIN A GREEN -6471139  
 172 G C BEST MI66762  
 191 ROBERT G ELLIS MI72269  
 192 THOMAS AHEARN MI65299  
 211 MERNIE M BROWN MI64377  
 235 G M ANDERSON MI47242  
 251 GEORGE STERN MI63109  
 280\*GRACE BAPT CH MI62002  
 283 FORREST FOX MI68520  
 403 BEN SMALLWOOD MI60342  
 500\*PAUL MOFFETT MI62600  
 503 MRS NORMAN SHO VAN MI45717  
 519 ELTON ALPERS MI46769  
 522\*DR R B STEPHENS MI44141  
     \*KNEELAND OPTICAL MI61988  
     \*JOHN P CAMPBELL DO MI45333  
 543 WILFORD K PAYNE MI40841  
 548 ELIZABETH SCOTT MI65748  
 567 A L DANIELS MI71874  
 576\*TRADING POST MI47220  
 587 NP  
 607 LENORD WILLIAMS -6473590  
 623 HAROLD M COLDREN MI40376  
 636 CARSON LUCAS -6465640  
 643 LUCIUS J JACKSON MI65411  
 648 MARY L MCMANUS MI44446  
     B G SELLERS MI69557  
 683 JAMES W GILLIIGHAM MI43728  
 690 MARIE R MAHLER MI61906  
     G D TAYLOR MI45242  
 708 GEORGE GILLINGHAM MI66560  
 727 SEYMOUR BLAKLEY MI66370  
 728 CHARLES C SAWYER MI69366  
 752 RAYMOND M SMITH MI66660  
 772 B J BURSON MI48205  
 774 WILLIAM LECKIE MI42223  
 788 W B BROWN MI45261  
 832 A L LARSEN MI44297  
 848 L H DRONKEN MI67722  
 872 WALTER F NOONAN MI63425  
 920\*ROOTS CONNERSVILLE MI67240  
     \*MARVIN HAHN INC MI63660  
     \*ELDEN SLS PRMTN CO MI63661  
     \*H BOWERING CO MI69829  
     \*TOLEDO STAMPNG MFG MI69829  
     \*T E FIDDLER&ASSOC MI65707  
 1055\*L COLLINS CO MI48566  
     \*UNIVERSAL BLOWER MI48566  
 1143 C D HILLIGOSS MI44826  
 1155 ARTHUR S FITCH MI44057  
     MRS W A FITCH MI44057  
 1171 IDA M MILLER MI41721  
 1176 CLARA WHALEN MI41064  
 1211 KENNETH R WEAVER MI71758  
 1212 M G HILLMAN MI45552  
 1231 LEONARD YAGER MI68593  
 1240 FRED PIVITT MI40142  
 1247 ALICE M FOURACRE MI47762  
 1258 KATE WEINKAUF MI64755  
 1272 MABEL THORPE MI48848

## E LINCOLN ST 1957

## LINCOLN E

112	W C LILLEY	MI6-8991
	MRS G M CARLSON	MI6-3862
115	*DR P W GEHMAN	MI4-0614
130	GEORGE R LIBBY JR	MI4-5080
151	HOWARD E RENDER	MI4-5171
152	EDITH ELLIOTT	MI4-6222
171	ASHTON H HULBERT	MI7-0788
172	G C BEST	MI6-6762
191	CHARLES E GENUNG	MI4-2276
192	THOMAS AHEARN	MI6-5299
211	J D HAGEY	MI4-3685
235	G M ANDERSON	MI4-7242
251	GEORGE STERN	MI6-3109
283	FORREST FOX	MI4-6721
400	*Y M C A	MI4-9036
403	BEN SMALLWOOD	MI6-0342
500	*PAUL MOFFETT	MI6-2600
503	MRS NORMAN SHO VAN	MI4-5717
519	ELTON ALPERS	MI4-6769
522	*KNEELAND OPTICAL	MI6-1988
	DR JOHN CAMPBELL	MI4-5333
552	*DR R B STEPHENS	MI4-4141
567	JOHN W DINLEY	MI7-0614
576	*TRADING POST	MI4-7220
608	MARY L OYER	MI4-1270
623	HAROLD M COLDREN	MI4-0376
636	CLARE K PURDY	MI4-5775
643	LUCIUS J JACKSON	MI6-5411
648	JOHN C FRIESEN	MI6-5651
	GUS T MITCHELL	MI4-4584
683	CLARA HERZBERG	MI4-7976
690	MARIE R MAHLER	MI6-1906
	MRS C R PHILIP	MI6-5432
	WILLIAM L PHILIP	MI6-5432
708	J W GILLINGHAM	MI4-3728
727	SEYMOUR BLAKLEY	MI6-6370
728	JOHN R BROOKS	MI4-6596
	MARGARET C WOODS	MI4-6596
	B H CARNAHAN	MI4-6596
752	RAYMOND M SMITH	MI4-3660
772	REV D C MCINTYRE	MI6-8039
774	WILLIAM LECKIE	MI4-2223
788	W B BROWN	MI4-5261
832	A L LARSEN	MI4-4297
848	PETER L DRONKEN	MI4-1299
872	WALTER F NOONAN	MI6-0376



## E LINCOLN ST 1957

920	*STERLING WHLBAR CO	MI6-2060
	*THOMAS P SHEARER	MI6-3441
	*MCLAY & CO	MI6-1151
	*WALLACE D MCLAY	MI6-5858
	*LEE F ROSS	MI6-4467
	*MARVIN HAHN INC	MI6-3660
	*ELDEN SLS PRMTN CO	MI6-3661
1127	HOWARD HATT	MI6-1349
1143	C D HILLIGOSS	MI4-4826
1155	MRS W A FITCH	MI4-4057
	ARTHUR S FITCH	MI4-4057
	MRS W A FTICH	MI4-4057
1171	IDA M MILLER	MI4-1721
1176	CLARA WHALEN	MI4-1064
1211	EVELYN VANGEISON	MI4-2856
1212	M G HILLMAN	MI4-5552
1231	LEONARD YAGER	MI4-5199
1240	FRED PIVITT	MI4-0142
1247	ALICE M FOURACRE	MI4-7762
1258	KATE WEINKAUF	MI6-4755
1272	MABEL THORPE	MI4-8848
1277	H P MCDANIEL	MI6-4586
1295	LOUIS G ANDERSON	MI4-5648
1308	GEORGE W PATTERSON	MI6-2006
1311	EDWARD E HOPPER	MI4-1645
1324	LYLE L SWEET	MI6-3730
1351	CLAUDE E SANDERSON	MI4-4762
1365	HARRY R FIELD	MI6-2079
1368	NANCY A SOMMERS	MI6-6519
1379	W M HOOFNAGLE	MI6-2210
1384	H DELONGCHAMP	MI6-1140
1392	JOHN P TAKIS	MI6-0388
1404	JOHN C MEST	MI6-2243
1411	VIRGIL H HARTKOPF	MI6-6495
1428	DONALD E GAULT	MI4-5300
1433	FRANK R WALKER	MI6-2559
1440	FRED PETRUCCI	MI4-9538
1457	BILLY M VANARSDER	MI4-4290
1474	ALBERT E LE BLANC	MI6-0158
1475	EDWARD C CLARK	MI6-3645
1480	R J REYNOLDS	MI6-0151
1481	CHARLES E MCKEON	MI6-0065
1496	E R MOFFAT	MI6-0493
1497	L D SCHLANBUSCH	MI6-2555
1504	HOWARD S HATT	MI4-1857
1519	WILLIAM N REED	MI6-2562
1526	J ERNEST DAVIS	MI4-2314
1531	*TAISEY HTG SLS&SRV	MI6-4421
1544	S JOSEPH GREEN	MI4-2786
1553	BRUCE M SANDERSON	MI4-5308
1569	HAROLD E GILES	MI4-5704
1592	MELVIN D PERSICO	MI6-0574
1658	*BIRMGH TORRY	MI4-0902
1815	J C PHILLIPS SR	MI4-7375
1816	HAROLD J REUTER	MI6-0593
1831	JOHN GORSUCH	MI6-1261
1832	E W BRANDT	MI4-2124
1847	ALBERT J GUZIAK	MI4-5837
1851	EDWIN C SHAFFER	MI6-2574
1854	WALTER W STARR	MI6-2303
1862	ELSIE H PITLOCK	MI4-8579
1873	EVERETT J FARR	MI4-0379
1875	GEORGE COOPER	MI6-0055
1885	GORDON P OLSEN	MI6-1778
1898	WILLIAM R MOORE	MI4-6968

## E LINCOLN ST 1954

## LINCOLN AVE EAST

648	DOUGLAS A CAMERON	MI 6-1428
1816	H J REUTER	MI 6-0593
112	R V TRUSDELL	MI 6-1264
	A F GREGORY JR	MI 4-0522
115	DR PAUL GEHMAN	MI 4-0614
130	GEROGE R LIBBY JR	MI 4-5080
152	EDITH ELLIOTT	MI 4-6222
171	RAY EWELL	MI 4-1137
172	G C BEST	MI 4-0667
191	CHARLES GENUNG	MI 4-2276
192	H H VANDERSLICE	MI 6-0678
200	ROBERT KONERSMAN	MI 4-9179
211	J D HAGEY	MI 4-3685
235	G M ANDERSON	MI 4-7242
251	GEORGE STERN	MI 4-1322
283	FORREST FOX	MI 4-6721
400*	YNG MEN CHRSTN ASN	MI 4-9036
403	RAYMOND D MUNDE	MI 4-2371
519	ELTON ALPERS	MI 4-6769
543	LON DELORIA	MI 4-3441
548	GEORGE PACKMAN	MI 6-2474
576*	TRADING POST	MI 4-7220
607*	DR G W CORNS	MI 4-1448
608	MARY L OYER	MI 4-1270
623	HAROLD M COLDREN*	MI 4-0376
636	CLARE K PURDY	MI 4-5775
643	LUCIUS J JACKSON	MI 4-2275
648	GUS T MITCHELL	MI 4-4584
683	CLARA HERZBERG	MI 4-7976
708	GEORGE GILLINGHAM	MI 4-3688
727*	SEYMOUR BLAKLEY	MI 4-2133
728	MARGARET C WOODS	MI 4-6596
	MARGARET C MAHON	MI 4-6596
752	RAYMOND M SMITH	MI 4-3660
772	JOHN PETRAKIS	MI 4-8292



## E LINCOLN ST 1954

774	WILLIAM LECKIE	MI 4-2223
	WILLIAM LECKIE	MI 4-2223
788	W B BROWN	MI 4-5261
832	A L LARSEN	MI 4-4297
848	PETER L DRONKEN	MI 4-1299
1127	HOWARD HATT	MI 6-1349
1143	CLARENCE HILLIGOSS	MI 4-4826
1155	WILLIAM A FITCH	MI 4-4057
	ARTHUR S FITCH	MI 4-4057
1171	IDA M MILLER	MI 4-1721
1176	CLARA S WHALEN	MI 4-1064
1211	BURT VANGEISON	MI 4-2856
1212	M G HILLMAN	MI 4-5552
1231	LEONARD YAGER	MI 4-5199
1240	FRED PIVITT	MI 4-0142
1247	ALICE M FOURACRE	MI 4-7762
1258	ROYCE C THORPE	MI 4-6204
1272	MABEL THORPE	MI 4-8848
1277	F W WALLING	MI 7-2220
1295	LOUIS G ANDERSON	MI 4-5648
1311	*EDWARD E HOPPER	MI 4-1645
1323	DOROTHY SHARPE	MI 4-9091
1324	S REID	MI 6-2543
	M CHRISTENSEN	MI 6-2543
	VIRGIL LOUIS	MI 6-2543
1335	PAUL SLUSHER	MI 6-2161
1351	JAMES K BARBEE	MI 6-2579
1365	HARRY R FIELD	MI 6-2079
1368	BEN SOAVE	MI 4-7778
1376	DOROTHY RATHKA	MI 4-2590
1379	EDW E HOPPER JR	MI 6-1375
1384	HOWARD DELONGCHAMP	MI 6-1140
1392	JOHN P TAKIS	MI 6-0388
1404	J C MEST	MI 6-2243
1411	VIRGIL H HARTKOPF	MI 4-4376
1428	DONALD E GAULT	MI 4-5380
1433	F R WALKER	MI 6-2559
1440	FRED PETRUCCI	MI 4-9538
1457	BILLY M VANARSDEL	MI 4-4290
1474	ALBERT E LEBLANC	MI 6-0158
1475	EDWARD C CLARK	MI 4-3740
1480	R J REYNOLDS	MI 6-015A
1481	CHAS E MCKEON	MI 6-0065
1496	EDWARD R MOFFATT	MI 6-0493
1497	L D SCHLANBUSCH	MI 6-2555
1519	WILLIAM N REED	MI 6-2562
1531	*TIMKEN OIL SERV	MI 4-8685
	E A TAISEY	MI 6-2668
	*AUTOMATIC HTG CORP	MI 4-8685
1569	HAROLD E GILES	MI 4-5704
1576	K E RHODES JR	MI 6-1019
1581	EDWN C SHAFFER	MI 6-2574
1658	*TORRY SCHOOL	MI 4-0902
1800	R A KAMENEC	MI 4-2587
1831	JOHN GORSUCH	MI 6-1261
1832	E W BRANDT	MI 6-1626
1847	ALBERT J GUZIAK	MI 4-5837
1854	WATER W STARR	MI 6-2303
1862	M F ZIMMERMAN	MI 6-1532
1863	PETER HAIKALIS	MI 6-2156
1876	GEORGE COOPER	MI 6-0055
1889	GORDON P OLSEN	MI 6-1778
1905	J F WANINK	MI 6-2045
1910	JAMESSD SCHMIDT	MI 4-1907
1927	C B EGGEN	MI 6-0778
1941	RICHARD MAGER	MI 6-0016
1942	R J KUZMINSKI	MI 6-0871
1951	OSCAR E LUOTONEN	MI 6-0131
1960	R W ARMIL	MI 6-2678
1982	GEORGE SAMAHA	MI 6-0227
1983	U DROUILLARD	MI 6-0634
1990	L J NOWAK	MI 6-1628
1991	STEVEN URBAN JR	MI 6-0176
2125	*GAR SCHOOL	MI 4-0102
2420	*MODERN CRETE DET	MI 4-8913

E LINCOLN ST 1949

5

**LINCOLN AV E — From  
Pierce east to city limits**

1124 Parks Mary E Mrs ©

4Lucal Robt D

1154 Gehman Paul W ©

1314 Tay Stanley F © land-  
scape archt

1514 Render Howard E ©

1524 Elliott Edith A Mrs ©

1714 Ewell Ray ©

1724 Best Geo C ©

1914 Genung Chas ©

1924 Kurth Eduard L ©

**Clark ends**

**Cedar dr begins**

2114 Hagey John D ©

2204 Konersman Robt ©

2354 Anderson Gustave M ©

E LINCOLN ST 1949

251<sup>4</sup> Gruer Geo D ©  
 283 Roberson Gertrude  
     **Lincoln ct begins**  
     **Edgewood begins**  
 403<sup>4</sup> Townsend Dorothy Mrs  
     **Floyd intersects**  
 503<sup>4</sup> Shovan Norman L ©  
 519<sup>4</sup> Malmberg J Milton ©  
 543<sup>4</sup> DeLoria Lon A ©  
 548 No return  
 567<sup>4</sup> Smith Wm  
 576<sup>4</sup> Birmingham Trading  
     Post antiques  
 1 w 576 Vacant  
     **Grant begins**  
 587<sup>4</sup> McFarlin M ©  
 607 Vacant  
 608<sup>4</sup> Oyer Mary L Mrs ©  
 623<sup>4</sup> Coldren Harold M ©  
 643 Harris Abr J ©  
     <sup>4</sup>Jackson Lucius J ©  
 648<sup>4</sup> Mitchell Gus T ©  
     <sup>4</sup>Roberts Fred  
 683<sup>4</sup> Herzberg Clara M Mrs  
 708<sup>4</sup> Gillingham Geo W ©  
 727<sup>4</sup> Blakley Seymour ©  
     plmbr  
 728<sup>4</sup> Brenner Arth W ©  
 752<sup>4</sup> Smith Raymond M ©  
 772<sup>4</sup> Blow Henry ©  
 774<sup>4</sup> Leske Wm M  
 788<sup>4</sup> Brown Wm B ©  
     **Ann ends**

E LINCOLN ST 1944

**LINCOLN AV E—Contd**191<sup>△</sup>Bell John S ⊙192<sup>△</sup>Kurth Eduard L ⊙**Clark ends****Cedar dr begins**211<sup>△</sup>Hagey John D ⊙220<sup>△</sup>Konersman Robt235<sup>△</sup>Anderson Gustave M ⊙251<sup>△</sup>Gruer Geo D ⊙283<sup>△</sup>Ashwell Percy P**Lincoln ct begins****Edgewood begins**

403 Townsend Dorothy Mrs

**Floyd intersects**503<sup>△</sup>Shovan Norman L ⊙519<sup>△</sup>Bethards Ray ⊙543<sup>△</sup>DeLoria Lon A ⊙548<sup>△</sup>Spitzig Annie H Mrs ⊙567<sup>△</sup>Smith Wm576<sup>△</sup>Birmingham Trading

Post 2d hd gds

**Grant begins**

587 Collins Myron

607<sup>△</sup>Emerson Donald G ⊙608<sup>△</sup>Oyer Lionel H ⊙623<sup>△</sup>Coldren Harold M ⊙



## E LINCOLN ST 1940

**LINCOLN AV E—Contd**

191 Beauchamp Geo A

192<sup>Δ</sup>Kurth Eduard L ☉**Clark ends****Cedar dr begins**211<sup>Δ</sup>Hagey John D ☉220<sup>Δ</sup>Haynes Chas A ☉235<sup>Δ</sup>Anderson Gustave M ☉251<sup>Δ</sup>Gruer Geo D ☉

283 Abelt Minnie Mrs ☉

**Lincoln ct begins****Edgewood begins****Floyd intersects**

403 Law Ralph W

503<sup>Δ</sup>Shovan Norman L ☉

trucking

519 Stephenson Clara Mrs

543 DeLoria Lon A ☉

543 Bronsing Wm

548<sup>Δ</sup>Spitzig Annie H Mrs ☉567<sup>Δ</sup>Forsyth Raymond D

Corns Geo W dentist

576 Smith C F Co gros

**Grant begins**

587 Thurber John L ☉

607 Emerson Donald G

608<sup>Δ</sup>Oyer Lionel H ☉623<sup>Δ</sup>Coldren Harold M ☉

643 Harris Abr J ☉

<sup>Δ</sup>Jackson Lucius648<sup>Δ</sup>Burdick John T

Collins Wayne G

683<sup>Δ</sup>Ephlin Donald

708 Dixon J Albert

E LINCOLN ST 1937

Birmingham Branch Office, 259 South V

**LINCOLN AV E—Contd**

- 211 Evans Frank P  
 220 Owens Robt D  
 235 Anderson Gustave M  
 251 Gruer Geo D  
 283 Abelt Minnie Mrs

**Lincoln ct begins****Edgewood begins****Floyd intersects**

- 403 Cox Seth E  
 503 Shovan Norman L  
     trucking  
 519 Toothacker Forester  
 543 Baldwin Clara E Mrs  
     DeLoria Lon A  
 548 Spitzig Henry C  
 567 Ashley Theo H  
     Corns Geo dentist  
 576 Smith C F Co gros

**Grant begins**

- 587 Collins Myron F  
 607 Emerson Donald G  
 608 Oyer Lionel H Indry  
 623 Coldren Harold M  
 643 Harris Abr J

**APPENDIX J:**

**PREVIOUS ENVIRONMENTAL REPORTS**



**Analytical Laboratory Report**

Lorie Uranga  
 YMCA of Metropolitan of Detroit  
 1401 Broadway Street, Suite 3A  
 Detroit, MI 48226

Date Reported: 6/14/21  
 EKS Job: 15018

**Location: Birmingham Family YMCA  
 400 E Lincoln, Birmingham, MI 48009**

Lorie Uranga retained EKS Services Incorporated (EKS) to collect bulk samples to be analyzed for asbestos that were taken from the location indicated above. The bulk samples were collected by Bryan Dunn, accreditation number A34269.

The following samples were collected on June 4, 2021 and analyzed for asbestos by IMS Laboratory, LLC on June 9, 2021. The results are given in the following table.

Please also find the Asbestos Laboratory Report and Chain of Custody Record from IMS Laboratory, LLC for your reference and records.

Sample Number	Sample Identification/Location	Sample Description	Sample Analysis
1.1	2' x 4' Pinhole and Textured Ceiling Tile Basement, Multi-Purpose Room	Gray, Heterogeneous, Friable, Fibrous	No Asbestos Detected
1.2	2' x 4' Pinhole and Textured Ceiling Tile Basement, Multi-Purpose Room	Gray, Heterogeneous, Friable, Fibrous	No Asbestos Detected
2.1	<b>Duct Insulation</b> Basement, Multi-Purpose Room	<b>Gray, Yellow,</b> <b>Heterogeneous, Friable,</b> <b>Fibrous</b>	<b>10% Chrysotile</b>
2.2	<b>Duct Insulation</b> Basement, Multi-Purpose Room	<b>Gray, Yellow,</b> <b>Heterogeneous, Friable,</b> <b>Fibrous</b>	<b>10% Chrysotile</b>
2.3	<b>Duct Insulation</b> Basement, Multi-Purpose Room	<b>Gray, Yellow,</b> <b>Heterogeneous, Friable,</b> <b>Fibrous</b>	<b>10% Chrysotile</b>
3.1	0-6" Pipe Insulation Basement, Multi-Purpose Room	White, Yellow, Heterogeneous, Friable, Fibrous	No Asbestos Detected
3.2	0-6" Pipe Insulation Basement, Multi-Purpose Room	White, Yellow, Heterogeneous, Friable, Fibrous	No Asbestos Detected
3.3	0-6" Pipe Insulation Basement, Multi-Purpose Room	White, Yellow, Heterogeneous, Friable, Fibrous	No Asbestos Detected
4.1	<b>0-6" Pipe Fitting</b> Basement, Multi-Purpose Room	<b>Gray, Heterogeneous,</b> <b>Friable, Fibrous</b>	<b>25% Chrysotile</b>
4.2	<b>0-6" Pipe Fitting</b> Basement, Multi-Purpose Room	<b>Gray, Heterogeneous,</b> <b>Friable, Fibrous</b>	<b>25% Chrysotile</b>
4.3	<b>0-6" Pipe Fitting</b> Basement, Multi-Purpose Room	<b>Gray, Heterogeneous,</b> <b>Friable, Fibrous</b>	<b>25% Chrysotile</b>

/ 440 Burroughs, Suite 343 / Detroit, MI 48202 /




MMSDC  
 Supplier of the  
 Year Winner  
 2006, 2012  
 2013 & 2014



The test results pertain only to the materials that were sampled. This report may not be reproduced except in full without the approval of EKS Services Incorporated.

Please contact me at (313) 963-1433 if you have any questions. It has been a pleasure assisting you.

Thank you,

A handwritten signature in black ink that reads "Stephen C. Dancy". The signature is written in a cursive style with a clear, legible font.

Steve Dancy  
Project Manager



3130 Old Farm Lane, Suite 1  
Commerce Twp., MI 48390

877-665-3373

# Asbestos Laboratory Report

## Prepared Exclusively For:

EKS Services INC.  
440 Burroughs St. Ste 343  
Detroit, MI 48202  
(313) 963-1433  
info@eksservices.com



Project: 15018

Report Date: 06/09/21

Sampled: 00/00/00

Received: 06/04/21

Lab # A20363

Analyzed: 06/09/21





Report Prepared For: EKS Services INC.  
Project Name: 15018  
Report Date: 06/09/21  
Lab Number: A20363

## Asbestos Report Summary

Test Method: Polarized Light Microscopy (PLM)

11 Samples Analyzed

6 Samples Containing >1% Asbestos

### Greater than 1% Asbestos

Client ID	Lab Number	Description	Asbestos
2.1	A20363 - 3	Duct Insulation / Basement Multi-Purpose Room	Chrysotile 10%
2.2	A20363 - 4	Duct Insulation / Basement Multi-Purpose Room	Chrysotile 10%
2.3	A20363 - 5	Duct Insulation / Basement Multi-Purpose Room	Chrysotile 10%
4.1	A20363 - 9	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Chrysotile 25%
4.2	A20363 - 10	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Chrysotile 25%
4.3	A20363 - 11	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Chrysotile 25%





Report Prepared For: EKS Services INC.  
 Project Name: 15018  
 Report Date: 06/09/21  
 Lab Number: A20363

# Certificate of Laboratory Analysis

## Test Method: Polarized Light Microscopy (PLM)

EPA 600/R-93/116 and/or EPA - Appendix E to Subpart E of 40 CFR Part 763;  
 Interim Method for the Determination of Asbestos in Bulk Insulation Samples

Project: 15018

### Prepared For

EKS Services INC.  
 440 Burroughs St. Ste 343  
 Detroit, MI 48202  
 (313) 963-1433  
 info@eksservices.com

IMS Lab No. A20363  
 Date Collected: 00/00/00  
 Date Received: 06/04/21  
 Date Analyzed: 06/09/21  
 Date Reported: 06/09/21

Client ID Lab No.	Client Description	Sample Color(s)	Laboratory Attributes	Fibrous Components	Non-Fibrous Components	Asbestos Type / Percent
1.1 A20363 - 1	2'x4' Pinhole and Textured Ceiling Tile / Basement Multi-Purpose Room	Gray	Heterogeneous Friable Fibrous	30% Cellulose 30% Fiberglass	40% Matrix	No Asbestos Detected
1.2 A20363 - 2	2'x4' Pinhole and Textured Ceiling Tile / Basement Multi-Purpose Room	Gray	Heterogeneous Friable Fibrous	30% Cellulose 30% Fiberglass	40% Matrix	No Asbestos Detected
2.1 A20363 - 3	Duct Insulation / Basement Multi-Purpose Room	Gray Yellow	Heterogeneous Friable Fibrous	10% Chrysotile 10% Cellulose 20% Fiberglass	60% Matrix	<b>Chrysotile 10%</b>
2.2 A20363 - 4	Duct Insulation / Basement Multi-Purpose Room	Gray Yellow	Heterogeneous Friable Fibrous	10% Chrysotile 10% Cellulose 20% Fiberglass	60% Matrix	<b>Chrysotile 10%</b>
2.3 A20363 - 5	Duct Insulation / Basement Multi-Purpose Room	Gray Yellow	Heterogeneous Friable Fibrous	10% Chrysotile 10% Cellulose 20% Fiberglass	60% Matrix	<b>Chrysotile 10%</b>
3.1 A20363 - 6	0"-6" Pipe Insulation / Basement Multi-Purpose Room	White Yellow	Heterogeneous Friable Fibrous	10% Cellulose 80% Fiberglass	10% Matrix	No Asbestos Detected
3.2 A20363 - 7	0"-6" Pipe Insulation / Basement Multi-Purpose Room	White Yellow	Heterogeneous Friable Fibrous	10% Cellulose 80% Fiberglass	10% Matrix	No Asbestos Detected
3.3 A20363 - 8	0"-6" Pipe Insulation / Basement Multi-Purpose Room	White Yellow	Heterogeneous Friable Fibrous	10% Cellulose 80% Fiberglass	10% Matrix	No Asbestos Detected
4.1 A20363 - 9	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Gray	Heterogeneous Friable Fibrous	25% Chrysotile 10% Cellulose	65% Matrix	<b>Chrysotile 25%</b>



Report Prepared For: EKS Services INC.  
 Project Name: 15018  
 Report Date: 06/09/21  
 Lab Number: A20363

Client ID Lab No.	Client Description	Sample Color(s)	Laboratory Attributes	Fibrous Components	Non-Fibrous Components	Asbestos Type / Percent
4.2 A20363 - 10	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Gray	Heterogeneous Friable Fibrous	25% Chrysotile 10% Cellulose	65% Matrix	<b>Chrysotile 25%</b>
4.3 A20363 - 11	0"-6" Mud Fitting on Pipe Insulation / Basement Multi-Purpose Room	Gray	Heterogeneous Friable Fibrous	25% Chrysotile 10% Cellulose	65% Matrix	<b>Chrysotile 25%</b>

IMS Laboratory, LLC is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP). Data is provided in compliance with NVLAP policy modules and ISO 17025:2017 guidelines.



06/09/21

\_\_\_\_\_  
 Marty Eakin, Asbestos Laboratory Manager



Report Prepared For: EKS Services INC.  
Project Name: 15018  
Report Date: 06/09/21  
Lab Number: A20363

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Stereoscopic microscopy and polarized light microscopy coupled with dispersion staining is the analytical technique used for sample identification. The percentage of each component is visually estimated by volume. The detection limit for this method is <1% by visual estimation and 0.25% by 400 point counts or 0.1% by 1,000 point counts. The samples were analyzed as submitted by the client and may not be representative of the larger material in question. IMS Laboratory, LLC ("IMS") will discard all samples after 7 days.

Matrix interference and/or resolution limits may yield false results in certain circumstances. Suspect floor tiles containing less than 1% asbestos should be tested with SEM or TEM. Many vinyl floor tiles have been manufactured using greater than 1% asbestos. Often the asbestos was milled to a fiber size below the detection limit of polarized light microscopy. Therefore, a "No Asbestos Found" reading on vinyl floor tile does not necessarily exclude the presence of asbestos. TEM provides a more conclusive form of analysis for vinyl floor tiles.

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- End of Lab Report Number A20363 -

- 5 -

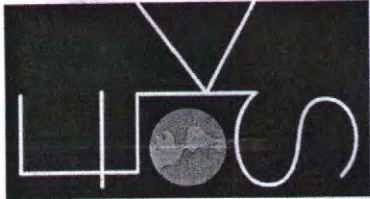
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CHAIN OF CUSTODY RECORD

A20363

440 BARRONGHIS, SUITE 343  
~~7451 THIRD STREET~~  
 DETROIT, MI 48202  
 (313)963-1433 PHONE



**SERVICES**  
INCORPORATED

CLIENT: *EKS SERVICES*  
 ADDRESS: *SEE ABOVE*  
 PROJECT MANAGER: *STEVE DANCY*  
 PHONE: *SEE ABOVE*  
 JOB #: *15018*  
 REQUIRED TURNAROUND TIME  
 PLEASE CIRCLE ONE  
 1 HR 3 HR 4 HR 6 HR  
 24 HR 48 HR 3 DAY 5 DAY

ATTENTION LABORATORY: IF THE CIRCLED TURNAROUND TIME IS NOT AVAILABLE PLEASE CALL AND ADVISE WHAT TURNAROUND IS AVAILABLE. THANK YOU.

MATERIAL DESCRIPTION	SAMPLE NUMBER	ASBESTOS PLM	ASBESTOS TEM			LEAD AIR	MOLD				VOLUME	LEAD PAINT
			AHERA	LEVEL II	NIOSH 7402		BIOAEROSOL/AIR	BULK	TAPE	VACUUM		
2x4' PINHOLE AND TEXTURED CEILING TILE IN BASEMENT MULTI-PURPOSE ROOM	1-1	✓										
SAME AS 1-1	1-2	✓										
DUCT INSULATION IN BASEMENT MULTI-PURPOSE ROOM	2-1	✓										
SAME AS 2-1	2-2	✓										
SAME AS 2-1	2-3	✓										
0"-6" PIPE INSULATION IN BASEMENT MULTI-PURPOSE ROOM	3-1	✓										
SAME AS 3-1	3-2	✓										
SAME AS 3-1	3-3	✓										

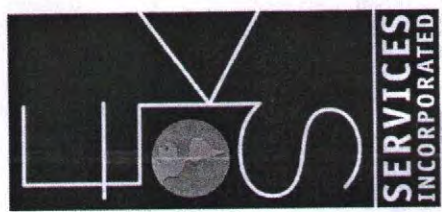
RELINQUISHED BY: *Bryan D. Dumin* DATE: *06-09-21* TIME: *10:58*  
 RECEIVED BY: DATE: *RECEIVED* TIME: *JUN 04 2021*  
 RELINQUISHED BY: DATE: TIME:  
 RECEIVED BY: DATE: TIME:



CHAIN OF CUSTODY RECORD

440 BULLROUGHS, SUITE 343  
~~7461 THIRD STREET~~  
 DETROIT, MI 48202  
 (313)963-1433 PHONE

A20363



JOB #: 15018

PROJECT MANAGER: STEVE DANCY

PHONE: SEE ABOVE

REQUIRED TURNAROUND TIME  
 PLEASE CIRCLE ONE

1 HR 3 HR 4 HR 6 HR  
 24 HR 48 HR 3 DAY 5 DAY

ATTENTION LABORATORY: IF THE CIRCLED TURNAROUND TIME IS NOT AVAILABLE PLEASE CALL AND ADVISE WHAT TURNAROUND IS AVAILABLE. THANK YOU.

CLIENT: EKS SERVICES

PROJECT MANAGER: STEVE DANCY

PHONE: SEE ABOVE

ADDRESS: SEE ABOVE

MATERIAL DESCRIPTION	SAMPLE NUMBER	ASBESTOS PLM	ASBESTOS TEM			LEAD AIR	MOLD												
			AHERA	LEVEL II	NIOSH 7402		BIOAEROSOL/AIR	BULK	TAPE	VACUUM									
OP-6 MUD FITTING ON PIPS IN CIRCULATION IN BASEMENT MULTI-PURPOSE ROOM	4-1	✓																	
SAME AS 4-1	4-2	✓																	
SAME AS 4-1	4-3	✓																	

RELINQUISHED BY: Bryan P. Dunn

RELINQUISHED BY:

DATE: 06-04-21 / 058

DATE: JUN 04 2021

TIME: TIME: TIME: TIME:

RECEIVED BY:

RECEIVED BY:

RECEIVED TIME:

RECEIVED TIME:





**EKS Job #: 15181**

**Date: 09/28/21**

## Asbestos Activity Log

Materials Removed/Encapsulated - Location & Quantity		Materials Removed/Encapsulated - Location & Quantity										
Area Location: <b>Lower Activities Room</b>		Area Location: <b>N/A</b>										
Type of Material Being Removed: <b>TSI Pipe Insulation</b>		Type of Material Being Removed:										
Quantity of Material Removed Today:	<b>In. ft.</b>	sq. ft.	cu. ft.	Friable		Non-Friable		N/A		cu. ft.		
Total Bags Removed: <b>18</b>	Material is: <b>Friable</b>	# In use: <b>2</b>	No	N/A	N/A		N/A		N/A		N/A	
AFD's: <b>Yes</b>	# In use:	Yes	Yes	No		No		No		N/A		
Enclosure Volume:	ft <sup>3</sup>		CFM		ft <sup>3</sup>		CFM		ft <sup>3</sup>		CFM	
Total Capacity of AFD's:	CFM		CFM		CFM		CFM		CFM		CFM	
Total Calculated Air Changes Per Hour:		(Total CFM x 60/Enclosure Volume = Air Changes/Hour)										
Lockdown Agent Utilized: <b>Yes</b>	Brand Name: <b>Fiberlock</b>	No	N/A	No		No		No		No		N/A
Bridging Agent Utilized: <b>Yes</b>	Brand Name: <b>Fosters</b>	No	N/A	No		No		No		No		N/A

Materials Removed/Encapsulated - Location & Quantity		Materials Removed/Encapsulated - Location & Quantity										
Area Location: <b>N/A</b>		Area Location: <b>N/A</b>										
Type of Material Being Removed:		Type of Material Being Removed:										
Quantity of Material Removed Today:	<b>In. ft.</b>	sq. ft.	cu. ft.	Friable		Non-Friable		N/A		cu. ft.		
Total Bags Removed: <b>Yes</b>	Material is: <b>Friable</b>	# In use: <b>2</b>	No	N/A	N/A		N/A		N/A		N/A	
AFD's: <b>Yes</b>	# In use:	Yes	Yes	No		No		No		N/A		
Enclosure Volume:	ft <sup>3</sup>		CFM		ft <sup>3</sup>		CFM		ft <sup>3</sup>		CFM	
Total Capacity of AFD's:	CFM		CFM		CFM		CFM		CFM		CFM	
Total Calculated Air Changes Per Hour:		(Total CFM x 60/Enclosure Volume = Air Changes/Hour)										
Lockdown Agent Utilized: <b>Yes</b>	Brand Name:	No	N/A	No		No		No		No		N/A
Bridging Agent Utilized: <b>Yes</b>	Brand Name:	No	N/A	No		No		No		No		N/A

## Contractor/Worker Information Summary

Personnel Information:		Personnel Information:	
1. Name: <b>Andrew Joyce</b>	5. Name:	9. Name:	
Accred #: <b>A16215</b>	Accred #:	Accred #:	Expires On:
2. Name: <b>Oscar Ramos</b>	6. Name:	10. Name:	Expires On:
Accred #: <b>A39534</b>	Accred #:	Accred #:	Expires On:
3. Name: <b>Mark Henry</b>	7. Name:	11. Name:	Expires On:
Accred #: <b>A28034</b>	Accred #:	Accred #:	Expires On:
4. Name:	8. Name:	12. Name:	Expires On:
Accred #:	Accred #:	Accred #:	Expires On:



EKS Job #: 15181

Date: 09/28/21

## Air Monitoring Log

Sample Number	Sample Type	Sample Location/Activity	Begin Time	End Time	Total Minutes	Flowrate (Liters/min)	Volume (Liters)	Fibers/Field	Fibers / mm <sup>2</sup>	Fibers / cc	8 Hr. T. W. A.
1	FB	FIELD BLANK						0/100	0		
2	FB	FIELD BLANK						0/100	0		
3	EXC	Oscar Ramos TSI Removal	1820	1850	30	1.91	57.3	52/100	66.24	0.445	---
4	P	Oscar Ramos TSI Removal	1850	2025	95	1.91	181.5	25/100	31.85	0.067	0.041
5	OWA	On Stud Leading Down to Lower Activities Room	1821	2034	133	1.61	214.1	1.5/100	1.91	0.003	
6	CL	Southwest Half	2100	2226	86	15	1290.0	0/100	0.00	0.000	
7	CL	Northwest Half	2100	2226	86	15	1290.0	1.5/100	1.91	0.001	

Sample Type – BG – Background CL – Clearance FB – Field Blank EXC – Excursion IWA – Inside Work Area OWA – Outside Work Area P – Personal





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# **CITY OF BIRMINGHAM**

## **Birmingham YMCA Assessment**

IMEG #23002268.00



Structural and MEP Assessment  
for  
Birmingham YMCA Assessment  
Birmingham, Michigan

IMEG #23002268.00  
May 12, 2023

A. Executive Summary

This report summarizes the limited condition assessment of the structural and MEP systems for the Birmingham YMCA facility. The facility's systems were observed to be in fair overall conditions. The report contains detailed descriptions of the findings and recommendations. Below is a summary of the structural and MEP conditions that need to be addressed as soon as possible:

1. Structural:
  - a. Investigate and repair the foundation walls and concrete ceiling slabs in the basement of the pool room.
  - b. Investigate and repair of the steel shelf support the overhanging brick façade at the south elevation.
  - c. Replace waterproofing between the topping and structural slab above the boiler room near the main entrance of the building.
2. MEP Systems:
  - a. Replace emergency shower and eyewash in pool equipment room.
  - b. Provide exhaust in pool equipment.
  - c. Replace Pool AHU with unit that does not comingle air from the equipment room with pool return.

## B. Purpose

1. At the request of Mr. Bruce Johnson, Director of Facilities Management, IMEG was contracted to perform a limited condition assessment of the YMCA of Metropolitan Birmingham. The condition assessment of the facility was performed and included visual observations. The primary purpose of this report is to outline and describe the infrastructure assessment based on field visits performed by IMEG. It is our understanding that the assessment report of the facility will be used by the City of Birmingham to aid in the purchase of the facility.
2. This report includes brief descriptions of the facility, and then outlines the findings of the assessment, and includes descriptions of each major infrastructure system. Notable issues or concerns that were found are described and explained, and recommendations in response to those concerns are outlined.
3. Refer to Appendix A for a list of MEP equipment reviewed and individual equipment assessments and recommendations.
4. Refer to Appendix B for a photograph log of the observed conditions.

## C. Building Description.

1. The current facility consists of approximately 40,000 square feet of floor area as a result of several additions added on to the original building.
2. The original building was constructed in the late 1960s. It consisted of a gymnasium plus a lower single-story space to the north and east. This was constructed over a basement. The basement boiler was located to the east end and extended beyond the east wall of the entrance above. The front entrance sidewalk extends over the roof of the boiler room below. An intake shaft protrudes above the sidewalk near the main entrance.
3. The high roof of the gymnasium is framed with steel joists supporting a tectum roof deck. The single story is constructed of reinforced concrete beams and columns which are visible on the exterior of the facility as tapered cantilevers. Concrete masonry unit (CMU) walls enclose the facility. The exterior is clad primarily with a brick veneer. However, the single-story exterior walls consist of tile clad CMU below the windows.
4. Currently, the roofing over the gymnasium consists of a single ply system that was replaced Circa 2013. The single-story roofing consists of a ballasted single ply system. The below grade boiler room consists of reinforced concrete walls and slab /beam framing at the roof.



5. The Natatorium and Racquetball Court Addition was constructed about 1972 on the south side of the facility. The pool area is recessed below grade at the basement level. The former racquetball courts (currently converted to open auxiliary gyms) were constructed above the pool and extend approximately four feet beyond the edge of the pool.
6. Above grade, the two-story construction of this addition consists of a 2" galvanized composite metal deck with concrete topping spanning to steel beams supported by steel columns. The steel beams cantilever out over the south exterior wall to support the former racquetball courts on the second level. The exterior brick veneer and wall finish is supported by an exposed steel lintel assembly.
7. The CMU bearing walls terminate above grade, with a cast in place concrete retaining wall construction below grade. The interior wall finish is plaster with a water-resistant paint coating. A reinforced concrete slab and joist system supports the pool deck.
8. The steel beams have been coated with spray on fireproofing. A 2x4 ceiling grid is suspended from aluminum wires attached to the roof deck.
9. The Wellness Center, a single-story addition with a basement was constructed in 1988 on the west side of the facility. A 5-inch concrete slab and metal deck floor supported by structural steel beams bearing on concrete foundation walls supported the floor. Steel joists and roof deck comprised the roof framing. The addition was clad with CMU bearing walls and brick veneer.
10. A single-story addition was added to the northwest corner. This consisted of slab on grade construction (no basement). The roof was supported by a system of prestressed masonry units known as Docks-Plank bearing on CMU walls. The roof construction consists of a ballasted single ply system.

#### D. Structural Assessment

1. Building Exterior
  - a. Exterior walls
    - 1) The steel angle supporting the brick of the cantilevered portion along the south wall was observed to have deflected and deformed (Photos 3 and 4). The bottom course of brick has been mostly tuckpointed.
    - 2) The sealant has failed and/or surpassed its service life in the following areas:
      - a) Around the exterior windows and doors have failed and/or surpassed its service life. Per Mr. Williams, YMCA was in the



- process of replacing some of the failed window sealant (Photo 13).
- b) Control joints and corners of the brick and CMU cladding (Photos 1 & 12).
  - c) At the top of the louver screens along the north wall of the pool room at the roof level (Photo 20).
- 3) The following defects were observed in the brick cladding:
- a) A vertical crack at the east gymnasium wall near the northeast corner (Photo 4).
  - b) Spalled and missing brick near the top of the north and west gymnasium walls. Additionally, loose and delaminated brick was observed at several locations (Photo 5).
- 4) Spalling and exposed steel reinforcement was observed on the below grade building wall at the bottom of the south exterior stairwell (Photo 26).
- 5) The retaining wall of the east exterior stairwell contained embedded steel pipes that were abandoned when the guardrail was replaced. These pipes have significantly corroded, and the holes retain water, causing cracks and minor spalls in the concrete wall (Photo 28).
- 6) Surface corrosion was observed on the window lintel of the west stairwell (Photo 7). The corrosion was caused by a previous roof leak.

#### Roofing

- 7) The roofing membrane above the pool appeared to be in fair condition. Cracks and tears were observed on the curb flashing at several areas along the south parapet (Photos 21 & 22). Moisture stains were observed in the ceiling tile of the corridor and west stairwell between the gym and pool buildings. According to Mr. Ed Williams, with YMCA, the roof leaks above the stains have been repaired.
- 8) The ballast membrane of the lower roofs appeared to be in fair condition. The gray coating along the east edge was peeling. The moss growth on the ballast at corners and under the mechanical equipment indicates ponding and poor drainage at these areas. Moisture stains were observed in the ceiling tile in the north and eastern portions of the lower building. According to Mr. Williams, the roof leaks above the stains have been repaired.
- 9) The roofing membrane above the gym (replaced circa 2013) was observed to be in good condition.





b. Miscellaneous Exterior Components

- 1) Multiple metal splines supporting the plaster soffit along the north and east walls have been displaced and/or disconnected from the hanger supports (Photo 37).
- 2) Corrosion and surface rust is observed on the exposed steel beams of the roof top unit (RTU) enclosure at the northwest corner of the building (Photo 10).
- 3) Corrosion was observed on the grating of the roof access ladder of the pool.

2. Building Interior

a. Structural Framing

- 1) The steel structural framing, where accessible, is found to be in good overall condition. The areas in which the framing was accessible include the gymnasium roof, local portions of the pool room roof, and the workout room roof. Most of the framing of the lower roof portion was not accessible.
- 2) The observations of the pool roof are summarized in the Pool section below.

b. Decking

- 1) The steel, docks-plank, and tectum decking, where accessible to be reviewed, were in fair to good condition. No major structural defects were observed.

c. Walls

- 1) The interior walls were observed to be in fair overall condition. Cracks were observed in the concrete and masonry walls.
- 2) The concrete wall was delaminated and cracked around the exterior door leading to the east exterior stairwell (Photo 6). The peeling paint and efflorescence indicate active moisture infiltration through the concrete wall.
- 3) Cracks were observed in the masonry walls near the entrance of the gym (Photo 33), at the bearing of the gym roof joists, and at the corners of stairwells (photo 6). Cracks were primarily in the mortar joints and no cracked CMU blocks were observed.
- 4) Cracked face tile was observed in the gym and the basement corridor near the locker rooms (Photos 35).



- d. Ceiling tile
  - 1) The ceiling tile was observed to be in fair overall condition. Several water stains were observed in the corridor between the gym and pool and at several locations in the lower roof area (Photo 25).
- e. Flooring
  - 1) The flooring was observed to be in good overall condition. Several minor defects were observed and summarized below.
  - 2) At the shower drains in the women's locker rooms, water leaks (Photo 14) between the slab and the floor drain and runs into the plenum.
- f. Pool
  - 1) The basement walls of the swimming pool were observed to be in poor condition. Active ground water infiltration was observed through several cracks and abandoned openings through the north and east walls (Photos 16 & 17).
  - 2) According to Mr. Williams, structural steel framing was installed at the top of the surge tank to provide supplemental support for the deteriorated ribbed slab above the surge tank room (Photo 18). Significant corrosion was observed in the supplemental steel beam and columns. Due to lack of access, it is unknown if section loss occurs on the steel. Additionally, spalls with exposed reinforcement were observed in at least five joists of the ribbed slab below the southeast corner of the pool room (Photo 19).
  - 3) Concrete spalls and exposed corroded steel reinforcement were observed in the ceiling of the tunnel under and along the south wall and the plumbing crawl space area in the southwest corner (Photos 24).
  - 4) The structural steel of the pool roof was observed to be in good overall condition. Localized surface corrosion occurs on the steel beams and underside of the roof drain pans (Photos 15 & 23). The review of the pool roof framing was limited due to the fireproofing covering the beams and the framing directly above the pool being inaccessible.
  - 5) The masonry walls and roof deck were observed to be in good overall condition.

### 3. Site Features

- a. The following conditions were observed in the pavements:
  - 1) The asphalt pavement of the parking lot is in poor overall condition. Alligator cracks occur through the driving aisle and at some of the



parking spaces. Depressions occur in most of the parking spaces and near the dumpster (Photos 29 & 30).

- 2) Moisture infiltration through the isolation joist between the elevated slab of the boiler room roof and the building wall near the west entrance of the facility. According to Mr. Williams, water regularly leaks into the boiler room when the cove sealant of the isolation joint is compromised.
- 3) The concrete slab on grade along the east building wall is in fair condition.

- b. The decorative brick half wall along west border of the site appears to be leaning to the west. According to Mr. Williams, wall damage near the parking lot entrance was a result of a collision with the snowplow.

## E. HVAC Assessment

In addition to the assessment below, a summary of equipment observed can be found in Appendix A. The summary includes a condition score for each piece of equipment, a replacement priority, and a replacement cost, where applicable.

### 1. HVAC Boilers

#### a. Pool heater

- 1) The existing pool heater consists of a Teledyne AP715IN09KIA heater installed in 1995. The heater is in operable condition and operates with no issues as reported by maintenance staff.
- 2) Flue gases are removed via a pressurized duct system to the roof.
- 3) Combustion air is provided via a duct connected to an outdoor air intake.
- 4) The average service life for a heater of this type is 10 to 15 years.
- 5) This heater is likely to require higher maintenance levels as it ages and should be replaced in the next 5 years.

#### b. Heating water boiler

- 1) Heating water is provided to the facility via two Kewanee fire tube boilers installed in 1965.
- 2) The boilers have had maintenance replacements of tubes and burners.
- 3) The boilers are operable and operate without issues reported by maintenance staff.
- 4) The boiler flues are exhaust via a stack to the roof.
- 5) Internal controls allow the heating water temperature to reset based on outside air temperature.
- 6) Combustion air is provided to the system via an outdoor air louver in the room.



- 7) This boiler is 58 years old. The average service life for a fire tube boiler is typically 25 to 30 years. While this boiler is running properly, replacement should be considered in the next 2-5 years. An advantage that replacement provides is improved efficiency and potential rebates for high efficiency boilers.

## 2. HVAC Pumps and Heating Water Distribution

- a. Main boiler pumps
  - 1) The main heating water pumps are Bell and Gossett inline pumps.
  - 2) The pumps have both been replaced in the past year.
- b. Air handling unit pumps
  - 1) Two air handling units have dedicated pumps: The pool AHU and the AHU are located in the basement mechanical room that services the lower level gym and free weight room.
  - 2) These Bell and Gossett pumps are newer and in good condition.
- c. Circulating pumps for perimeter heating systems
  - 1) Four inline pumps serve perimeter heating zones and are located in the basement mechanical room. Three of these pumps appear to be 1965 era and one pump appears to have been replaced in the past four years.
  - 2) The pumps are operating without noise or complaint.
  - 3) While three of the pumps are at the end of their lifetime, they can be replaced as they fail in the next 5 years.

## 3. Air Handling Systems

- a. Indoor air handling units (AHU)
  - 1) Pool AHU
    - a) The pool AHU is a 1972 Trane unit. The unit appears to be in poor condition. The paint is peeling on it and there is evidence of extensive corrosion on the body of the unit.
    - b) The unit is suspended from the ceiling in the same room as the main electrical service, sewage ejector and pool equipment.
    - c) The unit uses a plenum return air path that goes through the pool equipment room. This is typically a bad practice since the air in the pool equipment room should be exhausted with no return.
    - d) The Pool AHU is heating only and does not have an air side economizer to provide free cooling.



- e) The case in the AHU has been modified to allow standard sized filters to be used.
- f) An indoor air handling unit with no cooling coil can have a useful service life of 25-35 years. This unit is 48 years old.
- g) Replacement is recommended in the next five years.
  - (1) The unit should be replaced in a different location from the main electrical room.
  - (2) The unit should not return air from the pool equipment room.
  - (3) The unit should have cooling and dehumidification capabilities.
- 2) Basement AHU serving the free weight room and lower-level gym.
  - a) This Trane AHU was installed in 1959. The unit has heating only and provide ventilation air and heating, but no cooling.
  - b) The unit is externally insulated and appears to be in fair condition.
  - c) Supplemental cooling is being provided in the spaces served by this AHU.
  - d) The unit operates and does not cause maintenance issues.
  - e) This unit should be replaced in the next 5 to 10 years.
- 3) Four AHUs in upper-level mechanical rooms
  - a) Three AHUs are in a single mechanical room and serve the Men's Adult Locker room, the Family Locker room and lower lobby. They appear to be part of the 1959 construction.
  - b) The other AHU appears to be a 1965 construction.
  - c) One air handling unit is in another mechanical room and serves the gym.
  - d) All the units have been retrofitted with cooling coils.
  - e) The cooling coils have drain pans in poor condition with evidence of leakage.
  - f) Facilities indicated that the drain pan leaks are small.
  - g) The air handling units are single wall units in fair condition.
  - h) They operate without problems using basic controls.
  - i) They do not have economizer operation.
- 4) A through-wall unit serves the library.
  - a) The unit appeared to be in fair condition.
- 5) Lower Lobby AHU: Abandoned.
- 6) Fan coil unit in pool hallway
  - a) A 100% outside air unit with an electric reheat coil serves the corridor and rooms outside the pool.



- b) The unit appears in good condition and has not caused issues with facilities.
    - 7) Fan coil unit in hallway serving offices.
      - a) A recirculation style fan coil serves offices on the first floor.
      - b) The unit is connected to an older air-cooled condensing unit on the roof.
  - b. Packaged Roof Top Units (RTU)
    - 1) Four roof top units serve spaces in the facility.
    - 2) One, serving the Women's Adult Locker room was installed in 2018 and appears to be in good condition.
    - 3) One unit serves the Wellness Center, was installed in 200 and appears to be in fair condition.
    - 4) The Weight Room RTU was installed in 1965 and is in poor condition.
    - 5) There is also an RTU that appears abandoned on the roof.
4. Cooling Systems
- a. Air Cooled Condensing Units (ACCU)
    - 1) There are six ACCUs serving the facility.
    - 2) The Adult Mens' Locker Room Unit serves as an air handling unit and is in good condition. It was installed in 1995.
    - 3) The Family Locker Room Unit serves as an air handling unit and is in fair condition.
    - 4) Two ACCUs serving larger AHUs are located on grade. These Trane units are in good condition.
    - 5) One older ACCU is located on the roof and serves a small fan coil unit serving an office. This unit is in poor condition and will need replacement soon.
    - 6) To new heat pump outdoor units serve wall mounted "mini-split" systems in the lower level gym.
5. Exhaust fan systems
- a. Several exhaust hoods serving various spaces are roof mounted, down blast fans. They vary in age and condition. None require immediate attention.
  - b. There is no exhaust system for the pool equipment area. This is a code/safety issue and should be added.



## F. Plumbing Assessment

### 1. Domestic Water incoming service

- a. The water service entrance is 3" ductile iron pipe. The water service is in good condition but does not have a backflow preventer.
- b. The water service main feeds the sprinkler system through a backflow preventer.

### 2. Domestic Water Heating System

#### a. Water heaters

- 1) The main water heaters are two Lochinvar CWN 0645 units connected to a larger storage tank.
- 2) The water heaters were installed in 2000 and are in fair condition.
- 3) The water heaters have a 645,000 BTU/HR rated input (based on model number)
- 4) The water heaters are connected to an insulated, horizontal, glass-lined storage tank, estimated by size to be approximately 300 gallons.
- 5) The water heaters are barometrically vented to a common vent through the roof.
- 6) Combustion air is provided by an outside air louver located behind the storage tank.

#### b. Circulation pumps

- 1) There are three circulation pumps in the system, all in good condition. They are inline Bell and Gossett pumps, cast-iron and bronze fitted. Future replacements should be all bronze pumps.

### 3. Emergency Eyewash and Shower

#### a. The pool equipment area is served by an emergency shower.

- 1) The shower is not in compliance with OSHA or ANSI requirements.
  - a) It is only connected to cold water.
  - b) There is no emergency mixing valve to temper the water.
  - c) This configuration is a potential risk, should the shower be needed and the cold-water connection cause injury.

#### b. The pool equipment area has an eyewash station that does not meet OSHA requirements for an emergency eyewash.

- 1) The system is self-contained.





- 2) The current requirements are that the eyewash provide at least 15 minutes of tempered water at a sustained flow rate.
  - 3) A new eyewash, emergency mixing valve and plumbing connections will be required.
4. Domestic Water Distribution Piping
  - a. Domestic hot and cold-water piping is primarily copper piping.
  - b. Facilities indicates that they do not have problems with pipe leaks and reports that the piping is in fair condition.
5. Plumbing fixtures.
  - a. Plumbing fixtures were observed in a number of locker rooms.
  - b. Generally, the fixtures were from a number of different eras, but functional.
    - 1) Water closet trim was primarily Sloan, although there were several models used.
    - 2) Trim for faucets also varied, but was in good condition, with mixing valves to ensure safety.
  - c. Shower valves were thermostatic type and appeared in good condition with little or no scale build-up.
6. Sewage Ejectors
  - a. Sewage ejectors in pool equipment room are self-priming style and appear to be in fair condition. There is corrosion on pump bodies. Covers do not form a sealed system, so does not currently meet plumbing code. No smells evident except chlorine.
  - b. Sewage ejector in boiler room are submersible style and appear to be in working order. Covers do not form a sealed system, so does not currently meet plumbing code. No odors were present.
7. Drain waste and vent piping.
  - a. Most observable drain, waste and vent piping is in fair condition.
    - 1) Facilities staff indicate that the piping does not generally leak.
    - 2) It was observed that some cast iron or galvanized waste piping was replaced with PVC, primarily around the sewage ejectors.



- b. The only noted issues is that the tiles around the floor drains in the women's locker room were coming up.

8. Storm piping

- a. Storm piping was noted to be in adequate condition.
- b. No storm lines were observed at the assessment, but the roof drains appeared in good condition.

G. Fire Protection System Assessment

- 1. The fire protection system serves some hallways and storage rooms. It is not a full sprinkler system.
- 2. Most valves are alarmed with monitor switches.
- 3. Some valves are chained closed, rather than connected to monitor switches.

H. Electrical System Assessment

1. Electrical Distribution

- a. The building is served from a 1200A, 120/240V, 3-Phase, 4-Wire, SCCR 65kA switchboard located in the sub-basement. The utility transformer is located on the south side of the Natatorium.
- b. Egress lighting is served from bug eye fixtures, and integral battery ballast. A manual transfer switch is located on the south side of the Natatorium, this switch serves a sump pump and a few receptacles throughout the facility. At the time of the survey, a portable generator was connected to the manual transfer switch but was not serving the load.
- c. The electrical distribution appears to be in working condition, and there are no immediate needs for replacement. Some electrical panelboards throughout the building need repair, such as replacing locks, removing rust, replace fuse clips in circuit breakers.
- d. The smaller electrical rooms around the facility have some areas which violate National Electrical Code article 110 working clearance, which should be rectified when the area served by the panel is renovated.

2. Electrical Lighting



- a. The existing lighting is mostly comprised of fluorescent and incandescent luminaires. Some of the lighting in the basement have been retrofitted with LEDs.
- b. The existing lighting controls include local switches. There are no automatic controls or dimming as required per the current energy code.
- c. New LED luminaires with automatic controls should be provided as areas are renovated throughout the building.

3. Fire Alarm

- a. The building has an addressable fire alarm system. There is one existing fire alarm control panel that appears to be in working condition. All fire alarm devices are in working condition. Audio/Visual device coverage is provided in the hallways and was not observed as being provided in other existing areas. This should be rectified as spaces are renovated.

I. Immediate MEP Replacement Recommendations

- 1. Replace emergency shower and eyewash in pool equipment room.
- 2. Provide exhaust in pool equipment.
- 3. Replace Pool AHU with unit that does not comingle air from the equipment room with pool return.

J. Structural Recommendations

1. Exterior Building Defect Recommendations

- a. The roof membrane should be repaired at the tear locations. We understand the roof of the gym has been replaced circa 2013. However, based on our understanding, the other roofs have not been replaced in more than 30 years. As such, it is IMEG's opinion that the other roofs should be replaced since they have surpassed their service lives.
- b. The steel lintel supporting the exterior brick veneer at the cantilevered south wall should be investigated and analyzed to determine the cause of the deflection and determine the required repair. It is IMEG's opinion that the support of this wall needs to be addressed within the next year as the support for a high masonry wall is deteriorating. The potential failure of the support angle will likely cause falling bricks onto the parking lot.



- c. The aged and failed sealant around the exterior windows and doors, at the louver screens, and at the masonry control joints should be removed and replaced within the next two years to prevent moisture and air infiltration through the building envelope.
- d. The cracks of the exterior brick walls should be tuckpointed and deteriorated brick units (spalled, displaced, and/or cracked) need to be replaced within the next two years.
- e. The corroded steel beams at the RTU enclosure and window lintels should be repainted with a rust inhibitor coating within the next three years to prevent the spread of corrosion and section loss. All exterior structural steel should be monitored annually and recoated, as necessary, as part of routine maintenance.
- f. The spalled concrete in the walls of the south and east exterior stairwells should be cleaned and patched to avoid further deterioration of the reinforcement. The abandoned guardrail holes should be cleaned of all corroded steel to patching the concrete.
- g. Replace the deteriorated metal splines of the soffit along the north and east walls. Removal and replacement of the soffit may be required to access the support hangers.

## 2. Interior Building Defect Recommendations

- a. The observed cracks on the interior surface of the CMU walls should be cleaned and sealed.
- b. The stained ceiling tiles are primarily an aesthetic defect. It is recommended that they should be replaced as part of routine maintenance to help identify roof leaks in the initial stages.
- c. Repair mosaic tile and mortar bed around the shower drawings of the women's locker room to prevent moisture infiltration around the draining edges.
- d. A waterproofing specialist should be hired to assess the moisture infiltration around the door jamb at the bottom of the east exterior stairwell. After the moisture infiltration has been addressed, the concrete wall should be repaired. This should be addressed within the next year to prevent moisture damage of to the wall reinforcement.



- e. The local corrosion of the pool roof framing should be cleaned and coated with rust inhibitor. Afterward, fireproofing coating should be applied where it has disbanded from the steel.

The defects in the basement walls and ceiling slabs under the pool room need further investigation to determine the required repairs. These defects should be addressed within the next year.

- f. According to Mr. Williams, the supplemental steel frame is exposed to the water and chlorine as part of standard operations. The steel framing should be replaced. It is IMEG's opinion that since the framing is exposed to moisture on a regular basis, different material should be considered (FRP, aluminum, etc.) for the framing that has a higher resistance to moisture damage.

### 3. Site Recommendations

- a. A paving specialist should be hired to assess the asphalt parking lot and design the necessary repair/replacement.
- b. The roof slab of the boiler room consists of a structural slab with a 2" to 3" concrete topping. Typically, a waterproofing membrane is installed between the two slabs to prevent moisture infiltration into the basement and protect the structural slab. It is IMEG's opinion that the waterproofing membrane is either not installed or has failed, which is causing the infiltration into the basement. A waterproofing specialist should be hired to perform a destructive investigation to determine the existence and condition of the waterproofing membrane and provide engineering for repairing and/or replacing the necessary membrane.
- c. The half wall at the west border of the site should be repaired and/or rebuilt, as necessary, to prevent the wall tipping into the public sidewalk.

K. Appendix A- Itemized spreadsheet of equipment at the Birmingham YMCA. Highlighted items indicated MEP equipment recommended for immediate replacement.

L. Appendix B – Photograph Log of Observed Conditions

Prepared by: Peter G. Papanikolaou, Marsha K. Abro, George F. Mansour

PGP:MKA:GFM/men

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Appendix A:  
MEP Spreadsheet

Equipment Name	Location	Serves	Notes/Comments	Year Installed	Condition	Notes	Estimated Remaining Useful Life	Opinion of Probable Replacement Cost				Recommendation	Resulting Priority
								Hard Cost	Soft Cost (12% of Hard Cost)	Owner Cost/Contingency	Total Project Cost		
<i>Equipment ID</i>	<i>Floor, Room</i>	<i>Brief description of area served by equipment</i>	<i>Specific items about equipment.</i>	<i>actual year or approximate estimate</i>	<i>Rated 1 through 5, with 5 being excellent condition.</i>	<i>brief description related to condition</i>	<i>based on industry standards plus current condition/maintenance</i>	-	-	-	-	<i>A: Immediate replacement, B: 2 to 5 year replacement, C: 5 to 10 year replacement, D: over 10 years until replacement</i>	<i>Rated 1 through 5, with 5 being highest priority.</i>
<b>Fire Protection Systems</b>													
FP system	Basement Mechanical Room	Sprinklers in building	Backflow protector in good condition. Some valves are chained closed instead of using monitor switches.	~1972	3	System has been maintained. Age difficult to estimate. No issues reported with piping.	10	\$ 20,000	\$ 2,400	\$ 5,000	\$ 27,400	D	3
<b>Domestic Cold Water Systems</b>													
Service Entrance	Basement Mechanical Room	Entire Building water service	No complaints. Valves and water meeting in good condition. Backflow preventer missing.	1958	2	System is serving the needs. No complaints by staff. City Plumbing inspector may require RPZ to be installed.	10	\$ 2,500	\$ 300	\$ 625	\$ 3,425	D	2
<b>Domestic Hot Water Systems</b>													
No Tags	Boiler Room	Domestic water for most fo the facility	~645 MBH Lochinvar CWN water heater. Installed 2000. Located in boiler room	2000	3	No corrosion observed. No complaints from Staff. Gas train and external components look to be in good condition. Installed per manufacturers recommendations and good practices	7	\$ 20,000	\$ 2,400	\$ 5,000	\$ 27,400	C	2
No Tags	Boiler Room	Domestic water for most fo the facility	~645 MBH Lochinvar CWN water heater. Installed 2000. Located in boiler room	2000	3	No corrosion observed. No complaints from Staff. Gas train and external components look to be in good condition. Installed per manufacturers recommendations and good practices	7	\$ 20,000	\$ 2,400	\$ 5,000	\$ 27,400	C	2
Storage Tank	Domestic Hot Water Storage	Domestic Hot water circulation	Reported 1000 gallon glass lined hot water storage tank.	~2000	3	Functional tank. Not certain if original or replacement with major repairs done at a later date. Tank exterior appears free of corrosion. Staff indicates that glass lining was added to tank as part fo maintenance project.	15	\$ 40,000	\$ 4,800	\$ 10,000	\$ 54,800	D	4
No Tags	Circulating pump fro WH-1	Domestic Hot circulation	Inline B&G pump, recently replaced	2023	5	Good working condition	20	\$ 3,000	\$ 360	\$ 750	\$ 4,110	D	5
No Tags	Circulating pump for WH-2	Domestic Hot water circulation	Inline B&G pump, possibly same age as boiler.	2000	2	Older pump, may be reaching end of useful life	2	\$ 3,000	\$ 360	\$ 750	\$ 4,110	B	4
No Tags	Circulation pump for storage tank	Domestic Hot water circulation	Inline B&G pump, recently replaced	2022	4	Good conditon	19	\$ 3,000	\$ 360	\$ 750	\$ 4,110	D	5
No Tags	Circulation pump for WH-3	Domestic Hot water circulation	Inline B&G pump,	2014	4	good conditon	150	\$ 2,000	\$ 240	\$ 500	\$ 2,740	D	5
<b>Sewage Ejectors</b>													
Pool Eejctor	Sub-basement	Pool equipment, Pool AHU	Self priming pumps. Model number not obsrvable	2000 (est)	2	Corrosion around pump body. Piping to basin replaced with PVC. No complaints from facility staff. Cover is not sealed tight. May get flagged by plumbing inspector.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700	C	3
Boiler Ejector	Boiler Room	Boilers and Water heaters	Sumbersible pumps. Model not observable	2000 (est)	2	Pumps not observable. Piping to basin replaced with PVC. No complaints from facility staff. Cover is not sealed tight. May get flagged by plumbing inspector.	5	\$ 12,000	\$ 1,440	\$ 3,000	\$ 16,440	C	3
<b>Plumbing Fixtures</b>													
Emergency Shower	Sub-basement	Pool equipment	Does not have hot water connection or mixing valve	1972?	1	Does not meet current code/OSHA requirements.	0	\$ 4,500	\$ 540	\$ 1,125	\$ 6,165	A	1
Emergency Eyewhas	Sub-basement	Pool equipment	Does not have hot water connection or mixing valve	2015?	1	Does not meet current code/OSHA requirements.	0	\$ 1,500	\$ 180	\$ 375	\$ 2,055	A	1
China Fixtures	Throughout	Water Closets, sinks, mop basins	Assortment of fixtures from different years	1958-2020	3	All equipment in working order.	10	\$ -	\$ -	\$ -	\$ -	D	1



Equipment Name	Location	Serves	Notes/Comments	Year Installed	Condition	Notes	Estimated Remaining Useful Life	Opinion of Probable Replacement Cost				Recommendation	Resulting Priority
								Hard Cost	Soft Cost (12% of Hard Cost)	Owner Cost/Contingency	Total Project Cost		
Equipment ID	Floor, Room	Brief description of area served by equipment	Specific items about equipment.	actual year or approximate estimate	Rated 1 through 5, with 5 being excellent condition.	brief description related to condition	based on industry standards plus current condition/maintenance	-	-	-	-	A: Immediate replacement, B: 2 to 5 year replacement, C: 5 to 10 year replacement, D: over 10 years until replacement	Rated 1 through 5, with 5 being highest priority.
Trim	All fixtures	Water closets, sinks, mop basins and shows	Assortment of fixtures from different years	1958-2020	3	All equipment in working order.	10	\$ -	\$ -	\$ -	\$ -	D	1
<b>Domestic Piping</b>													
Hot and Cold water piping	Basement through second level	entire building domestic water	Mostly copper, no complaints from facilities staff	1958-2000	2	No leaks reported. Considered in fair condition.	10	Not Applicable	Not Applicable	Not Applicable	Not Applicable	D	3
DWV and Storm	Entire Building	Sanitary and storm piping in building	No complaints from facilities	1958-2000	2	Mostly cast iron. Some repairs have been made. Continue to maintain.	15	Not Applicable	Not Applicable	Not Applicable	Not Applicable	D	
<b>Central Station Air Handling Units</b>													
No Tags	Second Floor Mechanical Room	Men's Adult Locker Room	Original Trane unit retrofitted with cooling coil.	1959	2	Unit is functioning adequately. Casing shows signs of corrosion, especially around the base. Cooling coil drain pan is experiencing small leaks. Unit has manual controls and the owner would benefit from economizer operation. The unit has exceeded its expected useful lifetime. Larger maintenance costs are to be expected in the future.	5	\$ 200,000	\$ 24,000	\$ 50,000	\$ 274,000	C	
No Tags	Second Floor Mechanical Room	Family Locker Room	Original Trane unit retrofitted with cooling coil.	1959	2	Unit is functioning adequately. Casing shows signs of corrosion, especially around the base. Cooling coil drain pan is experiencing small leaks. Unit has manual controls and the owner would benefit from economizer operation. The unit has exceeded its expected useful lifetime. Larger maintenance costs are to be expected in the future.	5	\$ 200,000	\$ 24,000	\$ 50,000	\$ 274,000	C	
No Tags	Lower Level Storage Room	Does not serve any spaces	Abandoned unit	1959	1	Recommend removing abandoned equipment. Hazardous material testing may result in higher removal costs.	0	\$ 3,000	\$ 360	\$ 750	\$ 4,110	B	
No Tags	Second Floor Mechanical Room	Studio C	Original Trane unit retrofitted with cooling coil.	1972	2	Unit is functioning adequately. Casing is in fair condition. Cooling coil drain pan has low level leaks. Unit has exceeded its expected useful life time, but has been well maintained. Improvements for energy efficiency may be beneficial, since economizer operation does not to be available. Eventually unit should be replaced.	5	\$ 300,000	\$ 36,000	\$ 75,000	\$ 411,000	C	3
No Tags	Second Floor Mechanical Room	Gym	Original Trane unit retrofitted with cooling coil.	1965	2	Unit is functioning adequately. Cooling coil drain pan has low level leaks. Unit has exceeded its expected useful life time, but has been well maintained. Improvements for energy efficiency may be beneficial, since economizer operation does not to be available. Eventually unit should be replaced.	5	\$ 250,000	\$ 30,000	\$ 62,500	\$ 342,500	B	3
No Tags	Basement mechanical room	Lower Level Gym, Weight Room	Trane heating only unit. Currently is used only for ventilation. Unit has external insulation. Unable to assess casing.	1972	2	Unit is functional. Rooms that it serves have supplemental units for temperature control. At the end of its theoretical functional life. Should plant for eventual replacement.	5	\$ 125,000	\$ 15,000	\$ 31,250	\$ 171,250	C	3

Equipment Name	Location	Serves	Notes/Comments	Year Installed	Condition	Notes	Estimated Remaining Useful Life	Opinion of Probable Replacement Cost				Recommendation	Resulting Priority
								Hard Cost	Soft Cost (12% of Hard Cost)	Owner Cost/Contingency	Total Project Cost		
<i>Equipment ID</i>	<i>Floor, Room</i>	<i>Brief description of area served by equipment</i>	<i>Specific items about equipment.</i>	<i>actual year or approximate estimate</i>	<i>Rated 1 through 5, with 5 being excellent condition.</i>	<i>brief description related to condition</i>	<i>based on industry standards plus current condition/maintenance</i>	-	-	-	-	<i>A: Immediate replacement, B: 2 to 5 year replacement, C: 5 to 10 year replacement, D: over 10 years until replacement</i>	<i>Rated 1 through 5, with 5 being highest priority.</i>
No Tags	Sub-basement Mechanical Room	Pool area	Trane unit original to pool. Suspended unit approximately 7 feet above floor. Has a heating water coil with a dedicated circulation pump. Simple on/off controls.	1972	2	Unit functions. Unit body is corroded in many places. Unit uses a plenum return, with return air path passing through pool equipment room. Filter houses was cut to allow standard size filters. Does not have cooling control, does not have economizer control. Appears to run constantly with manual on/off control	0	\$ 900,000	\$ 108,000	\$ 225,000	\$ 1,233,000	B	4
No Tags	Roof	Weight Room	Older roof top unit, may be McQuay.	1988	2	Unit has corrosion on exterior body. Facilities reports it to be in operational condition. Unit has exceeded expected lifetime.	5	\$ 25,000	\$ 3,000	\$ 6,250	\$ 34,250	B	4
No Tags	Roof	"Dalley Room"	Older rooftop unit, reported to be Amana	1965	2	Unit has corroded exterior and ductwork insulation is in poor conditon. Unit is functional.	2	\$ 35,000	\$ 4,200	\$ 8,750	\$ 47,950	B	4
No Tags	Roof	Women's Locker Room	NewYork unit	2018	4	Unit in good conditon. Gas fired heat with electric cooling.	15	\$ 40,000	\$ 4,800	\$ 10,000	\$ 54,800	D	1
No Tags	Roof	Wellness Center	20+ year old	2000	3	Unit is in fuction condition. It has some mild corrosion on exterior. Facilities reports that it is working well.	7	\$ 60,000	\$ 7,200	\$ 15,000	\$ 82,200	C	3
								\$ -	\$ -	\$ -	\$ -		
								\$ -	\$ -	\$ -	\$ -		
<b>Above Ceiling Units</b>													
No Tags		Pool Entrance, 100% OA	Simple minisplit systems with condensing units on the roof	2006	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
No Tags		Electrical room, elevator machine room	Simple minisplit systems with condensing units on the roof	2014?	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
<b>Roof Top Units</b>													
No Tags		Electrical room, elevator machine room	Simple minisplit systems with condensing units on the roof	2014?	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
No Tags		Electrical room, elevator machine room	Simple minisplit systems with condensing units on the roof	2014?	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
No Tags		Electrical room, elevator machine room	Simple minisplit systems with condensing units on the roof	2014?	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
No Tags		Electrical room, elevator machine room	Simple minisplit systems with condensing units on the roof	2014?	3	Seem to be working, but it was a cool morning.	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700		
<b>Exhaust Fans</b>													
Missing exhaust	Pool Equipment Roof	Missing fan	Pool equipment rooms should be exhausted	n/a	n/a	n/a	n/a	\$ 5,000	\$ 600	\$ 1,250	\$ 6,850	A	1
Exhaust fans	Roof	Multiple exhaust fans on roof serving toilet and locker rooms primarily.	Downblast exhaust fan	Varies	2 to 3	All fans are functional. Some are beyond useful life, but inexpensive to replace when they fail	5 to 10	\$ 1,000	\$ 120	\$ 250	\$ 1,370	C	4
<b>Heating Systems</b>													
B-1	Boiler and Water Heater Room	Heating water system, entire building	Kewanee Fire Tube	1965	3	Equipment and trim in working condition	5	\$ 150,000	\$ 18,000	\$ 37,500	\$ 205,500	B	4
B-2	Boiler and Water Heater Room	Heating water system, entire building	Kewanee Fire Tube	1965	3	Equipment and trim in working condition	5	\$ 150,000	\$ 18,000	\$ 37,500	\$ 205,500	B	4
B-3	Pool Heater Room	Pool water heating	Teledyne	1995	3	Equipment and trim in working condition	3	\$ 40,000	\$ 4,800	\$ 10,000	\$ 54,800	B	4
HWP-1, HWP-2	Boiler and Water Heater Room	Heating water system, entire building	B&G series 60	2015	4	Recently replaced	15	\$ 5,000	\$ 600	\$ 1,250	\$ 6,850	D	1
Expansion Tank	Boiler and Water Heater Room	Heating water system, entire building	B&G	1965	4	Equipment and trim in working condition	10	\$ 15,000	\$ 1,800	\$ 3,750	\$ 20,550	B	4
Air Separator	Boiler and Water Heater Room	Heating water system, entire building	Bell and Gosset	1965	3	Equipment and trim in working condition	5	\$ 10,000	\$ 1,200	\$ 2,500	\$ 13,700	D	
HWP	Pumps in Basement Mech Room	Perimeter heat and basement AHU	Bell and Gosset	1972	2	3 pumps. Equipment functional, but has exceeded functional lifetime.	3	\$ 15,000	\$ 1,800	\$ 3,750	\$ 20,550	B	3
HWP		Perimeter heating	Bell and Gosset	2014	4	Recently replaced in good condition.	15	\$ 5,000	\$ 600	\$ 1,250	\$ 6,850	D	1

Equipment Name	Location	Serves	Notes/Comments	Year Installed	Condition	Notes	Estimated Remaining Useful Life	Opinion of Probable Replacement Cost				Recommendation	Resulting Priority
								Hard Cost	Soft Cost (12% of Hard Cost)	Owner Cost/Contingency	Total Project Cost		
Equipment ID	Floor, Room	Brief description of area served by equipment	Specific items about equipment.	actual year or approximate estimate	Rated 1 through 5, with 5 being excellent condition.	brief description related to condition	based on industry standards plus current condition/maintenance	-	-	-	-	A: Immediate replacement, B: 2 to 5 year replacement, C: 5 to 10 year replacement, D: over 10 years until replacement	Rated 1 through 5, with 5 being highest priority.
HWP		Coil pump	Bell and Gosset	2016	4	Serves basement AHU, in good condition	15	\$ 5,000	\$ 600	\$ 1,250	\$ 6,850	D	1
									\$ -	\$ -	\$ -		
									\$ -	\$ -	\$ -		
									\$ -	\$ -	\$ -		
									\$ -	\$ -	\$ -		
									\$ -	\$ -	\$ -		
Air Separator	Boiler and Water Heater Room	Heating water system, entire building	Bell and Gosset	1965	5	Very good condition	25	Not Applicable				D	1
<b>Power Systems</b>													
MAIN SWB	Sub - Basement Main Electrical Room	Service Main #1 (DP-BA) Located in Above Sub Basement Service Main #2 (PP-4) Located in Wellness Center Closet Service Main #3 (CU#1) West Train Unit Service Main #4 (LP-2H) Raquetball Court Located in Closet of Restroom Service Main #5 (PP-B3) Located in Main Electrical Room Service Main #6 (LP-Pool Panel) Located on Pool Deck	Siemens Deadfront Switchboard Enclosure Type 1 1200A, 120/240V, 3-Phase, 4-Wire, SCCR 65kA (4 Available Spaces)	2016	4	In good condition						D	1
PP-3	Sub - Basement Main Electrical Room	Pool Exhaust Fan (Located on Roof), Sump Pump #1, Sump Pump #2, Pool Air (Located Above), Pool Water Pump	Siemens Deadfront Switchboard 200A, 120/240V, 3-Phase, 4-Wire Delta (3 30A/3P Spares)	2016	4	In good condition						D	1
DP-BA	Boiler and Water Heater Room	LP-D (Located in Gym), LP-SBB, CU-2 (East Trane Unit), Old Building (Located in Tele Closet), PP-SB2, LP-SBF, LP-BE/LP-BEE, Phase Monitor (Located Above DP-BA), Men's Sauna	Siemens Deadfront Switchboard Enclosure Type 1 1200A, 120/240V, 3-Phase, 4-Wire, SCCR 65kA (2 Spaces/ 1 200A/3P Spare/ 1 400A/3P Spare)	2016	4	In good condition						D	1
PP-SB2	Boiler and Water Heater Room	PP-2AHU (2nd Fl. Mech Room), Pool Air Heater Pump (Located in This Room), Sump Pump #4 (Boiler Room Control Panel), Sump Pump #3 (Boiler Room Control Panel), Heat Rest of Blg. Pump (Located in This Room)	Siemens Deadfront Switchboard Enclosure Type 1 200A, 120/240V, 3-Phase, 3-Wire, SCCR 65kA (1 100A/3P Spare / 4 30A/3P Spares)	2016	4	In good condition						D	1
LP-SBB	Boiler and Water Heater Room	1st Floor, Original Building, Basement, Boiler Room Exit Lights, Pool Exit Sign, GFCI Receptacle	Square D Panelboard 100A, 120/240V, 1-Phase, 3-Wire, 12 Circuit Breakers (2 Spaces)	Unknown	3	In working condition						D	1
LP-SBF	Boiler and Water Heater Room	Exterior Lights, Tunnel and Boiler Room Lights and Receptacles, Boiler Panel, Hot Water Heaters, Hot Water Circulation Pump, Sump Pump, Pool Generator, Pool Boiler	Square D Panelboard 225A, 120/240V, 1-Phase, 3-Wire, 30 Circuit Breakers (6 Spaces)	Unknown	2	In working condition; Damaged - Panel Cover is Missing Lock and Rusted						C	2
PNL-1 (UNLABELED)	Main Entrance and Office Area	No panel schedule	Cover, Identification Label, and Panel Schedule Not Provided (4 20A/1P Spares/ 1 50A/2P Spare)	Unknown	2	In working condition; Exposed circuit breakers						C	2
A-A	Main Entrance and Office Area	General Office and Library Receptacles, Wellness Center, Hallway, Lobby, Office Lights, Emergency Lights, Heat Pumps	General Electric Identification Label and Panel Schedule Not Provided 24 Circuit Breakers, Full	Unknown	3	In working condition						D	1
PNL-2 (UNLABELED)	Main Entrance and Office Area	Basement, 1st Floor, and 2nd Floor Lights	Unknown Manufacturer Identification Label Not Provided 42 Circuit Breakers, Full	Unknown	3	In working condition						D	1
PP-4	Cardio Electrical Closet	Women's Sauna (Located in Adult Locker Room), LP-AA (Located in Back Office), LP-J (Located in Old Laundry Room), AC (Office/Weight Room), AC (Women's Fitness Locker Room, AC (New Wellness Center), Elevator, RP-1B	General Electric 400A, 120/240V, 3-Phase 3-Wire (1 60A/3P Spare)	Unknown	4	In working condition						D	1
RP-1B	Cardio Electrical Closet		Panel was locked - Unable to Observe	Unknown	2	In working condition; Clearances do not appear to meet NEC 110						C	2
RP-1C	Cardio Electrical Closet		Panel was locked - Unable to Observe	Unknown	3	In working condition; Clearances do not appear to meet NEC 110						D	1
LPE	Older Building Hallway	Girl/Boy Locker Room, Shower, Toilet, Hall Lights, Men's Locker Room Receptacles, Hair Dryers, Clocks, Water Cooler, Tunnel Receptacles, Equipment Roof Receptacles	Square D Panelboard 225A, 120/240V, 1-Phase, 3-Wire, 42 Circuit Breakers (2 Spaces)	Unknown	2	In working condition						C	2
LPD	Older Building Hallway	No panel schedule	Square D Panelboard 26 Circuit Breakers (4 20A/1P Spares)	Unknown	3	In working condition						D	1
LPH	Closet Near Studio	Stairway, Lower Corridor, Upper Corridor Lights and Receptacles, Circulation Pump, Control Curtain for Air Units, Control for Contactor, Feed for Contactor, Handball Courts 1-3	General Electric 225A, 120/240V, 1-Phase, 3-Wire, 30 Circuit Breakers Full	Unknown	3	In working condition						D	1

Equipment Name	Location	Serves	Notes/Comments	Year Installed	Condition	Notes	Estimated Remaining Useful Life	Opinion of Probable Replacement Cost				Recommendation	Resulting Priority
								Hard Cost	Soft Cost (12% of Hard Cost)	Owner Cost/Contingency	Total Project Cost		
<i>Equipment ID</i>	<i>Floor, Room</i>	<i>Brief description of area served by equipment</i>	<i>Specific items about equipment.</i>	<i>actual year or approximate estimate</i>	<i>Rated 1 through 5, with 5 being excellent condition.</i>	<i>brief description related to condition</i>	<i>based on industry standards plus current condition/maintenance</i>	-	-	-	-	<i>A: Immediate replacement, B: 2 to 5 year replacement, C: 5 to 10 year replacement, D: over 10 years until replacement</i>	<i>Rated 1 through 5, with 5 being highest priority.</i>
LP-J	Storage Room 1	Locker Room, Lounge, Shower, Storage, Elevator, and Emergency Lights, Women's Bath, Lounge, Storage Receptacles, Dryer, Laundry, Saunma, Drinking Fountain	General Electric 24 Circuit Breakers, Full	Unknown	3	In working condition						D	1
LPEE	Storage Room 2		Panel was locked - Unable to Observe	Unknown	3	In working condition; Clearances do not appear to meet NEC 110						D	1
PP1	First Floor - Mechanical Room 2 (Upstairs)	Supply Fans, SF#5 Studios, Air Conditioning	Square D QMB Saflex Distribution Panelboard 200A, 240V, 3-Phase, 3-Wire (1 60A/3P Spare)	1988	2	In working condition; Bad fuse clip in one breaker						C	2
<b>Fire Alarm Systems</b>													
Fire Alarm Systems	Entire building	Entire building	Addressable FACP Fire-Lite Alarms by Honeywell (MS-9200)	Unknown	3	In working condition						D	1
<b>Misc. Systems</b>													
Emergency/Egress Lighting	Egress path	Egress path	Battery operated bugeye	Unknown	3	In working condition						D	1
Lighting	Entire building	Entire building	Mostly fluorescent, some incandescent, and some retrofitted with LED	Unknown	3	In working condition						D	1
Lighting Controls	Local Switches		No Automatic Controls, Local Switches, No Dimming	Unknown	3	In working condition						D	1
Lightning Protection	N/A												



Appendix B:  
Photograph Log of Observed Conditions



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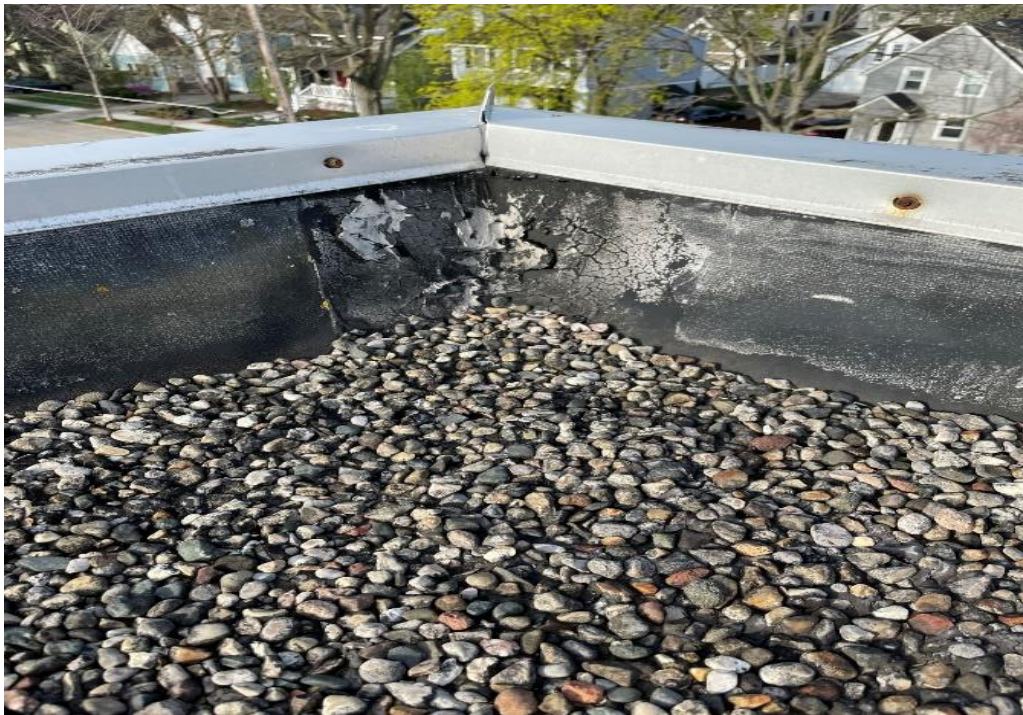
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Main Switchboard



Pool AHU



Water Heaters and Flue







Boiler





Basement AHU





Upstairs AHU Serving Gym



One Of Three Air Handling Units In Upstairs Mechanical Room





Women's RTU



Wellness Center RTU







Adult Men's Locker Room ACCU



Family Locker Room ACCU







Weight Room RTU



"Child Watch Weight Room"







Existing Transformer



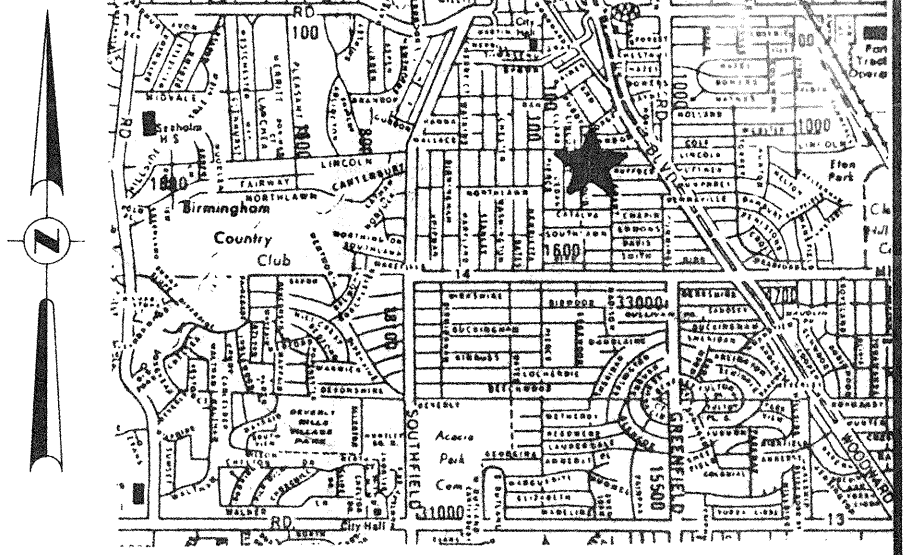
ACCU for Gym and Court







SCALE: 1"=20'



LOCATION MAP

LEGEND

- S.I. SET IRON
- F.I. FOUND IRON
- F.P.P. FOUND PIPE
- F.M. FOUND MONUMENT
- P.K. P.K. NAIL
- R. RECORD
- M. MEASURED
- C. CALCULATED
- U.P. UTILITY POLE
- L.P. LIGHT POLE
- T.C. TOP OF CURB
- G. GUTTER
- O.H. OVERHEAD
- U.G. UNDERGROUND
- W.M. WATER MAIN
- G.W. GUY WIRE & ANCHOR
- S.S. STORM SEWER
- S.S. SANITARY SEWER
- E.W. ELECTRIC WIRES
- T.W. TELEPHONE WIRES
- C.W. CABLE TV WIRES
- F.L. FENCE LINE
- E.E. EXISTING ELEVATIONS
- P.E. PROPOSED ELEVATIONS

BENCH MARK DATA.

BENCH MARK  
CITY OF BIRMINGHAM B.M. NO. 2  
BRASS DISC LOCATED AT SOUTHEAST  
CORNER OF LINCOLN AND PIERCE  
ELEVATION = 767.33

SITE BENCH MARK NO. 1  
P.K. NAIL SOUTH FACE OF UTILITY POLE AT  
THE SOUTHEAST CORNER OF LINCOLN  
AND EDGEWOOD  
ELEVATION = 759.74

SITE BENCH MARK NO. 2  
P.K. NAIL IN THE NORTH FACE OF UTILITY  
POLE APPROX. CENTER OF PARKING LOT AND  
SOUTH OF THE PROPERTY LINE  
ELEVATION = 758.78

NOTE: ADD 700 TO SITE ELEVATIONS TO OBTAIN U.S.G.S. DATUM ELEVATIONS.

PROPERTY DESCRIPTION

PARCEL TAX I.D. NO. 19-36-403-001 & 19-36-403-002

LOTS 5-14 BOTH INCLUSIVE EXCEPT THE  
NORTHERLY 3' THEREOF, AND LOTS 15, 16,  
17, 18, 64, 65, 66 AND 67 OF "BIRMINGHAM-  
WOODWARD SUBDIVISION" OF PART OF THE  
NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF  
SECTION 36, T. 2N., R. 10E., BLOOMFIELD, TWP.,  
OAKLAND COUNTY, MICHIGAN, RECORDED IN L. 40,  
P. 23 OF PLATS, OAKLAND COUNTY RECORDS.

UTILITY COMPANIES

TELEPHONE  
M.B.T. (METRO SUBURBS)  
30700 TELEGRAPH ROAD  
BIRMINGHAM, MI. 48010  
540-0201

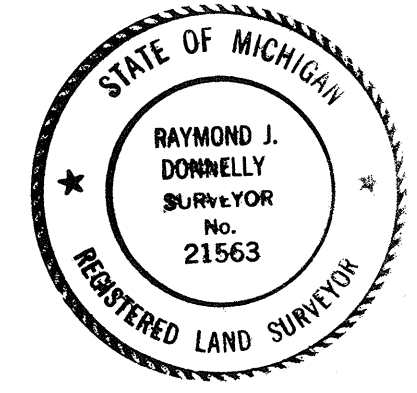
GAS  
CONSUMERS POWER CO.  
4600 COOLIDGE ROAD  
ROYAL OAK, MI. 48067  
549-5000

ELECTRIC  
DETROIT EDISON (OAKLAND CO.)  
30400 TELEGRAPH ROAD  
BIRMINGHAM, MI. 48010  
645-4000

CERTIFICATION

WE HEREBY CERTIFY THAT WE PERSONALLY MADE AN  
ACTUAL FIELD SURVEY OF THE PREMISES SHOWN ON  
THIS DRAWING IN NOV. 1986 THAT THIS DRAWING  
IS A CORRECT REPRESENTATION OF THE PREMISES  
SURVEYED, AND THAT THERE ARE NO ENCROACHMENTS  
EITHER WAY ACROSS THE PROPERTY LINES, EXCEPT  
AS SHOWN.

*Raymond J. Donnelly*  
RAYMOND J. DONNELLY MICHIGAN R.L.S. NUMBER 21563

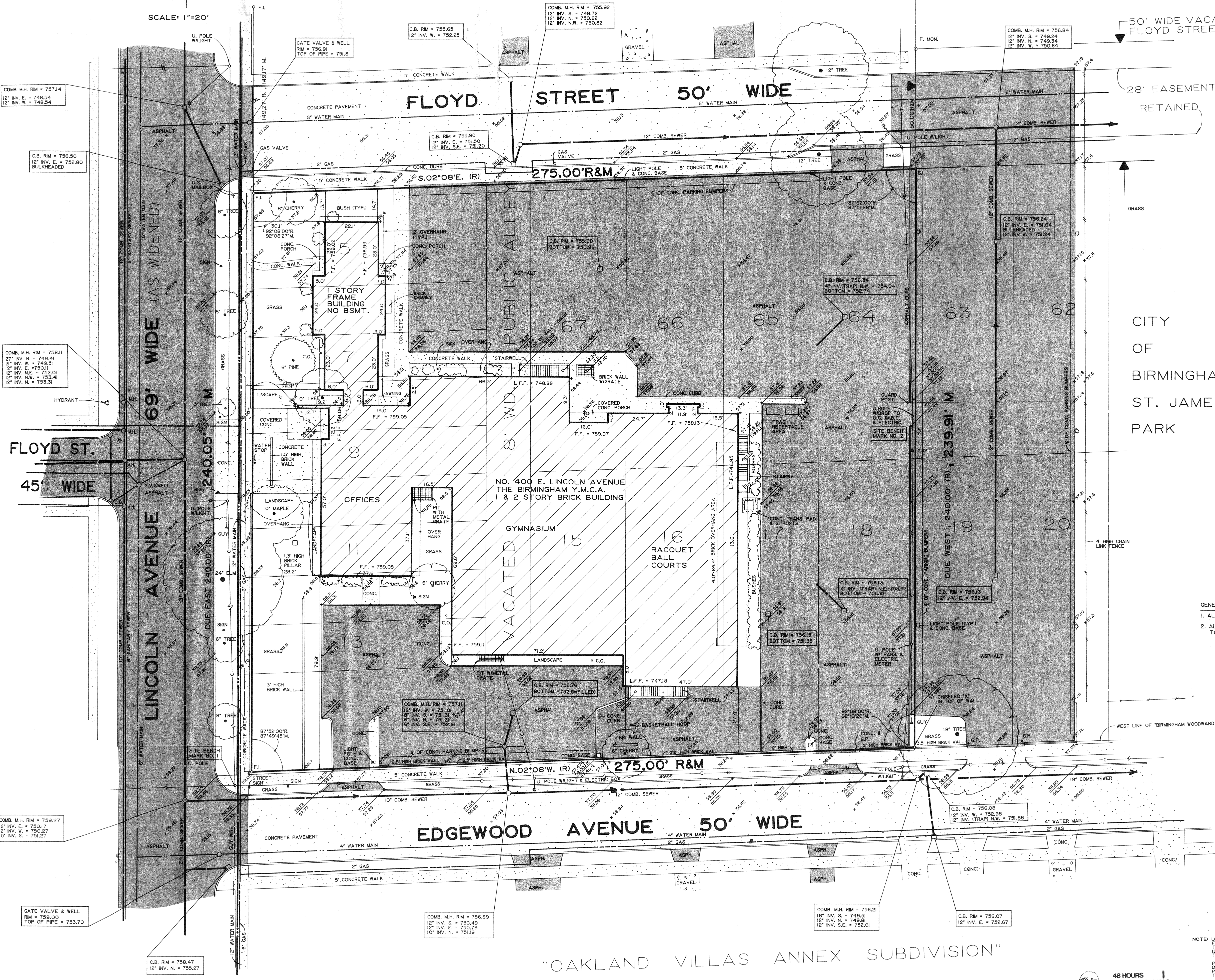


NOTE: UTILITY INFORMATION ON THIS DRAWING MAY BE  
FROM INFORMATION DISCLOSED TO THIS FIRM BY  
THE VARIOUS UTILITY COMPANIES. NO GUARANTEE  
IS GIVEN AS TO THE COMPLETENESS OR ACCURACY  
THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND  
DEPTHS OF EXISTING UTILITIES IN CONFLICT WITH  
PROPOSED IMPROVEMENTS SHALL BE VERIFIED IN  
THE FIELD. CALL: MICH-80-16

NOTE: ANY INFORMATION OR DATA ON THIS DRAWING IS NOT  
INTENDED TO BE SUITABLE FOR REUSE BY ANY  
PERSON, FIRM OR CORPORATION OR ANY OTHERS ON  
EXTENSIONS OF THIS PROJECT OR FOR ANY USE ON  
ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN  
VERIFICATION AND ADAPTATION BY THE SURVEYOR  
OR ENGINEER AND ACCEPTANCE BY THE USER IS  
WARRANTED. THE USER SHALL BE RESPONSIBLE FOR  
OBTAINING ALL NECESSARY LEGAL EXPOSURE TO THE SURVEYOR  
OR ENGINEER.

REVISION:			
<b>ARCHITECTURAL SURVEY</b>			
CLIENT:	BIRMINGHAM Y.M.C.A. 400 E. LINCOLN AVENUE BIRMINGHAM, MICHIGAN 48009		
PREPARED BY:	RAYMOND J. DONNELLY & ASSOCIATES 89 W. SOUTH BLVD./SUITE 400 TROY, MICHIGAN 48068 (313) 879-8510		
DATE:	DEC, 86	SCALE:	1" = 20'
DRN. BY:	K.M.P.	CHKD. BY:	R.J.D.
SHEET OF:	1	JOB NUMBER:	86280



"OAKLAND VILLAS ANNEX SUBDIVISION"

COMB. M.H. RM = 759.27  
12" INV. E. = 750.17  
12" INV. W. = 750.27  
12" INV. S. = 751.27

C.B. RM = 758.47  
12" INV. N. = 755.27

COMB. M.H. RM = 756.89  
12" INV. S. = 750.49  
12" INV. E. = 750.79  
12" INV. N. = 751.19

COMB. M.H. RM = 756.21  
12" INV. S. = 749.21  
12" INV. N. = 749.81  
12" INV. E. = 752.01

C.B. RM = 756.09  
12" INV. W. = 752.98  
12" INV. (TRAP) N.W. = 751.88

C.B. RM = 756.07  
12" INV. E. = 752.67

GENERAL NOTES  
1. ALL UTILITY WIRES HAVE A CLEARANCE OF 20'.  
2. ALL STAIRWELLS HAVE METAL PIPE RAILING AROUND TOP OF STAIRWELL.