



REQUEST FOR PROPOSAL

MICHIGAN LAND BANK FAST TRACK AUTHORITY

**DEMOLITION AND ABATEMENT CONTRACTOR AT
53, 77 AND 95 WEST WOOD STREET, NEWAYGO, MICHIGAN**

RFP-CASE-19-0021

Important Dates:

Event	Date Due	Time Due	Method of Communication
RFP Release	7/19/19	n/a	SIGMA, MLB website, Builders Exchange website
Pre-Bid Meeting	7/26/19	1:00 PM	77 West Wood Street, Newaygo
Questions on RFP	7/29/19	5:00 PM	landbank@michigan.gov
Answers to Questions	7/30/19	5:00 PM	SIGMA, MLB website & Builders Exchange website & email to individuals asking questions
RFP Response Due	8/5/19	Noon	landbank@michigan.gov
Estimated Contract Start	8/12/19		

REMINDER

Please check your submission to make sure you have included all of the information which is required in the Request for Proposal. In addition, please submit files as noted on the RFP cover page which include the following:

- Technical Submission (Section II-A) with Cover Sheet (Attachment A) and Signed Independent Price Determination Certificate (Attachment B);
- Price Proposal (Section II-B);

Submit separately marked electronic files of your Technical Submission and Price Proposal as noted on the RFP cover page. The Michigan Land Bank (the “MLB”) has no obligation to consider any Submission that is not timely received. **Submissions will only be accepted as noted on the RFP cover page.**

RESPONDENTS ARE RESPONSIBLE FOR ASSURING THAT THE FOLLOWING IDENTIFYING INFORMATION APPEARS IN THE FILE NAME OF YOUR SUBMISSION: “RFP-CASE-19-0021 Price Proposal” and “RFP-CASE-19-0021 Technical Submission.”

The MLB will not respond to telephone inquiries, or visitation by Respondents, or their representatives. Respondent’s sole point of contact concerning the RFP is below and any communication outside of this process may result in disqualification.

Michigan Land Bank Fast Track Authority
105 West Allegan
Lansing, Michigan 48933
landbank@michigan.gov

ENVIRONMENTAL CONSULTANT FOR THIS PROJECT:

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REQUEST FOR PROPOSAL
DEMOLITION AND ABATEMENT CONTRACTOR
AT 53, 77 AND 95 WEST WOOD STREET,
NEWAYGO, MICHIGAN
RFP-CASE-19-0021

This Request for Proposal (the “RFP”) is issued by the Michigan Land Bank Fast Track Authority (the “MLB”). The MLB is the sole point of contact with regard to all bidding and contractual matters relating to the services described in this RFP. The MLB is the only office authorized to change, modify, amend, alter, clarify, etc. the specifications, terms and conditions of this RFP and any contract(s) awarded as a result of this RFP (the “Contract”). The MLB will remain the SOLE POINT OF CONTACT throughout the bidding process. ***The MLB will not respond to telephone inquiries, or visitation by Respondents or their representatives. Respondent’s sole point of contact concerning the RFP is below and any communication outside of this process may result in disqualification.***

Michigan Land Bank Fast Track Authority
105 W Allegan
Lansing, Michigan 48933
landbank@michigan.gov

**SECTION I
STATEMENT OF WORK**

A) PURPOSE AND BACKGROUND STATEMENT

The City of Newaygo is the owner of the properties located at 53, 77 and 95 West Wood Street, Newaygo, Michigan (“the Premises”) and has engaged the MLB as its agent to have the properties demolished. The subject properties are identified as follows:

Address: 53 W Wood Street, Newaygo, Michigan

Tax ID#: 18-24-241-005

Legal Description: Lot 1 of Block C of Village of Newaygo, according to the recorded plat thereof, EXCEPT commencing at the Northwesterly corner of said Lot 1; thence Southeasterly on Westerly line of same 61 feet; thence Northeasterly 47 feet to Wood Street; thence Northwesterly 63 feet to beginning.

Known Former Use(s): Residential

Address: 77 W Wood Street, Newaygo, Michigan

Tax ID#: 18-24-241-004

Legal Description: Lot 2, Block C, Village of Newaygo (now called city), Newaygo County, Michigan according to the recorded plat thereof in liber 1 of deeds, page 434, except railroad right of way.

Known Former Use(s): Residential

Address: 95 W Wood Street, Newaygo, Michigan

Tax ID#: 18-24-241-006

Legal Description: All that part of Lot 3 and the East 7.5 feet of Lot 4, Block C, Village of Newaygo, according to the recorded Plat thereof, Newaygo County, Michigan, lying South of a line parallel with and 30 feet South of the centerline of the railroad crossing said lots, City of Newaygo, Newaygo County, Michigan.

Known Former Use(s): Music Shop, Book Store

B) SCOPE OF WORK

This RFP is open to all qualified demolition contractors who are capable and qualified to meet the objectives and requirements described in this document. Qualified DBE/MDE/WBE organizations are encouraged to respond. Respondents must supply documentation supporting their qualifications for evaluation.

1. **Abatement and Demolition of Three Structures:** The Scope of Work (“Work”) for this RFP may include, but is not necessarily limited to:
 - a. **Security:** Provide site security for duration of project after notice to proceed is received.
 - b. **Mobilization:** Includes all labor, equipment, materials, and incidentals to mobilize to the project sites to perform the work. It includes all supervision of successful Respondent personnel, and office support. It includes project meetings, surveying, site security, temporary controls and utilities, pre-work submittals, preparation of all submittals including, the successful Respondent’s Site Specific Work Plan and Health and Safety Plan (HASP), personal protective equipment, permits, disposal approvals, erosion controls, barricades, traffic control, trash disposal, cleaning, and demobilization. Total cost of this item shall not exceed four (4%) percent of the successful Respondent’s overall base bid.
 - c. **Utilities:** The City of Newaygo has received disconnection letters for both gas and electric service for these sites. Letters will be forward to the successful Respondent indicating the disconnection of those same utilities. It will be the successful Respondent’s responsibility to have any other utilities cut and removed from the sites as required by regulation, local ordinance or, at a minimum, generally accepted methods. The successful Respondent is responsible for contacting Miss Dig prior to any demolition activity.
 - i. Contractor is responsible to cut and cap utilities other than gas and electric and pay all associated fees. This may include well capping and proper closure of any on-site sewer systems or drainage systems as detailed in Phase I/II reports, or as found by successful Respondent.
 - ii. City of Newaygo requires successful Respondent to remove water line back to the main. Newaygo’s Department of Public Works can be consulted for more details.
 - iii. City of Newaygo requires successful Respondent to cut and cap, not cement, the sewer line at the road edge. Newaygo’s Department of Public Works will need measurements for their records.
 - d. **Asbestos Containing Materials:** Includes all labor, equipment, materials, incidentals, transportation, and disposal fees for the pre-demolition abatement of asbestos containing materials. Successful Respondent to submit Notification of Intent to Renovate/Demolish to Michigan Department of Environment, Great Lakes and Energy (EGLE) and the MIOSHA Asbestos Program at the Michigan Department of Licensing and Regulatory Affairs (“LARA”), provide the MLB with copy of notification and any subsequent revisions to notification. Details of ACM may be found in Appendix C.
 - e. **Universal and Hazardous Waste:** Include all labor, equipment, materials, and incidentals, transportation and disposal fees needed to manage Universal Waste and Hazardous Waste and its disposal prior to demolition. Universal waste includes, but is not limited to, bulbs; ballasts; batteries; mercury containing/equipment; and electronic equipment. Hazardous Waste products may include, but not be limited to, PCBs, VOCs, heavy metals or PAHs.
 - i. The Pre-demolition survey report from AKT Peerless Environmental Services, Appendix C identified all materials found on site. All must be addressed as part of abatement.
 - ii. A Phase I Environmental Site Assessment was completed on the commercial building located at 95 W Wood Street in 2016 and is included in Appendix D. This assessment indicated no evidence of RECs connected to this site.

- f. Clearances: Coordinate visual and/or air clearance examinations through the MLB's environmental consultant. Any costs for failed examinations shall be deducted from the final payment to the successful Respondent's final invoice.
- g. Demolition: Includes all labor, equipment, materials, fees, permits and incidentals needed: to demolish buildings, flatwork, all city sidewalks except at the asphalt parking lot at 95 W Wood, and below grade structures associated with all the buildings (including basement, foundations, footings, sumps, pits, vaults etc.); transportation and disposal of all demolition debris; removal of all concrete and asphalt drives and parking areas on the sites **except the asphalt parking lot at 95 W Wood**; and utility disconnects, removal, abandonment, or protection of buried underground utilities as specified. Use of explosives is strictly prohibited. Do not burn demolished materials. Except for items or materials indicated to be reused, salvaged, or otherwise indicated to remain property of MLB, demolished materials shall become the successful Respondent's property and shall be removed, recycled, or disposed from Project site in an appropriate and legal manner. Successful Respondent will be required to provide water, application equipment and personnel for dust suppression during demolition activities.
 - i. **The privacy fence beside the asphalt parking lot is to be left intact.**
 - ii. Remove vinyl fence around 53 W Wood Street
 - iii. Remove concrete tank at 53 W Wood Street after consultation with the Newaygo County Health Department.
 - iv. Removal of bushes in front of 77 W Wood Street at the street.
 - v. Removal of dead trees and fallen limbs. Preservation of healthy trees is desired. Preservation of trees and bushes to the rear of the properties on the sloped area is desired.
- h. Site Restoration: Site restoration shall include general backfilling, leveling and compaction and the installation of top soil, grass seed and straw. Procedures, methods, materials, and other information regarding excavation and backfill shall be included in the Project Work Plan developed by the successful Respondent. The following information regarding excavation and backfilling shall be included in the Project Work Plan, at a minimum: (1.) Project Schedule; (2.) List of Subcontractors; (3.) Description of the methods and equipment to be used for each related operation (i.e., excavation, transportation, sampling, etc.); (4.) Transportation company; (5.) Method to protect any storm sewers and conveyances during minimal soil excavation in close proximity of the site; and (6.) Description of the means, methods, and procedures for site restoration.
 - i. Backfill material: The successful Respondent shall submit data on proposed backfill materials (sand and gravel) to the MLB for approval. This data shall include the source of backfill material; grain size analysis, including MDOT classification; and analytical results (including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and Michigan metals) verifying that backfill material is uncontaminated. Testing shall be the responsibility of the successful Respondent and shall be performed at no additional cost to the MLB.
 - A. Satisfactory materials shall be MDOT Class II sand or MDOT Class III granular fill and shall be free of trash, debris, roots, and other organic matter. Native fill can be reused in the excavation from which it came, if determined by MLB or its designee to be suitable. Any sampling, sample delivery, and laboratory analysis deemed

necessary for reuse of native fill shall be the responsibility of the successful Respondent and is incidental to the project.

B. Unsuitable materials

I. Contaminated soil includes, but is not limited to, soils that are visually or olfactory impacted. Any VOCs, SVOCs, PCBs, or other contaminants are detected in backfill material from an offsite location and/or if the MLB or its designee detects any contamination through visual or olfactory senses, then this will constitute classification as "contaminated soil."

II. Unsuitable materials include the following materials: (1.) Soils that, when classified under ASTM D 2487 - Classification of Soils for Engineering Purposes, fall in the classification of Pt, OH, CH, MH, or OL; (2.) Soils that cannot be compacted sufficiently to achieve the density specified for the intended use; (3.) Soil with more than 10% organics; (4.) Soils that contain greater concentrations of chloride or sulfate ions or have a soil resistivity or pH less than the existing onsite soils; (5.) Topsoil; (6.) Slag; (7.) Crushed concrete; (8.) Rock; (9.) Fill with brick, block or concrete; and/or (10.) Fill with rocks larger than 4" diameter.

C. Analytical Reports: The successful Respondent shall submit to the MLB all analytical results of the backfill, waste characterization, and any other samples collected/required for the work.

ii. Surface Grade: After demolition activities have been completed, all disturbed surfaces shall be graded, prior to surface restoration, so as to leave no ruts, pits, piles, or ridges. If is required, the successful Respondent shall be responsible for settlement of fill over any fill areas and shall be required to repair any voids or holes that appear for a period of one year after final acceptance of work by the MLB, at the successful Respondent's own expense. The finished grade shall be flush (+ or -3") with existing sidewalks which will remain immediately adjacent to the affected area is to be considered grade.

A. The successful Respondent shall place 4-inches of top soil throughout, Kentucky Bluegrass seed fertilize, and mulch. The top soils shall be free of stones, stumps, lumps and similar objects larger than 2-inches in diameter, and shall be raked out. The successful Respondent shall apply starter type fertilizer at the rate recommended by the manufacturer. The successful Respondent shall be required to place top soil and seed, and provide any maintenance for a complete establishment of grass cover within one year of final acceptance, at successful Respondent's own expense.

iii. Finish Grade: Finish grade shall match the pre-work grade at undisturbed areas and the perimeter of the site. The finish grade shall be approximately 2-inches below the pre-work grade at the center of the property with a gentle upward slope towards the perimeter of the property where the finish grade matches the preexisting grade. Grading shall be conducted as directed by the MLB or its designee. All impacted area by site activities, including pavements, roads, vegetation, and all other disturbed or altered structures/features shall be restored to pre-work condition. The finished

grade shall be flush (+ or -3") with existing sidewalks which will remain immediately adjacent to the affected area is to be considered grade.

- A. The successful Respondent shall place 4-inches of top soil throughout. The top soils shall be free of stones, stumps, lumps and similar objects larger than 2-inches in diameter, and shall be raked out.
- iv. Roadway and Parking Areas: The successful Respondent is required to repair, in-kind or better, any areas of the successful Respondent's access point, such as public roads, sidewalk or curbs, disturbed as a result of the successful Respondent's work or access.
- i. Demobilization: Includes all labor, equipment, materials, and incidentals to complete balance of the Work under the bidding documents including but not limited to: site demobilization including removing personnel, equipment, supplies, rubbish and incidentals from the project site.

C) DELIVERABLES:

The successful Respondent must submit the following documentation to the MLB following the noted milestones. Prior to processing of final payment, all documents must be delivered to the MLB.

1. **Prior to work beginning**: Project schedule; pre-work photos of site; project work plan; HASP; spill contingency plan; proposed disposal facilities and proposed disposal facility licenses
2. **Prior to Abatement**: Abatement notification(s)
3. **After Abatement**: Copies of site/project manager's verification of the quantity and description of removed materials; Copies of all asbestos and hazardous materials waste manifests; passed visual and/or air clearance examination (to be conducted by MLB's environmental consultant)
4. **Prior To Demolition**: NESHAP notification(s); permit applications and permits; dust control and air monitoring plan; soil erosion and sedimentation control plan; utility disconnects applications and verifications; and Abandoned Well Plugging Record.
5. **After Demolition**: Copies of all asbestos, hazardous materials and demolition waste manifests; copies of daily site activity reports; photos of finished site; and backfill analytical report.

D) QUALIFICATIONS

The Respondent shall demonstrate by submitting documentation with their response to this RFP that they meet the following qualification criteria:

1. Hold a valid State of Michigan Contractor or Maintenance Contractor license.
2. Meet the insurance requirements listed in Section II, A. 11. Insurance.
3. Provide a list of similar projects that demonstrates a minimum of three (3) years' experience with demolitions similar to this project.
4. Provide three (3) references, include organization, contact person, and their phone number.
5. Be qualified, licensed and/or certified to handle noted wastes, asbestos and work in contact with potentially contaminated soils.
6. Able to certify all criteria listed on the Cover Sheet, Attachment A.
7. The MLB Staff will review all public sites including, but not limited to, those listing debarred contractors for use of federal or state funds, licensing sites, OSHA violation

sites and environmental violation sites, to verify qualifications applicable to this site and/or funding source.

E) PRE-BID MEETING

A pre-bid meeting will be held at the date and time noted on the cover page. We will meet at the site of the demolition. Respondents can visit the site and view the property at that time. Attendance at the pre-bid meeting is mandatory to respond to this RFP.

F) RESPONDENT RESPONSIBILITIES

It is the responsibility of each Respondent, before submitting a bid, to:

1. Examine the RFP and associated documents thoroughly;
2. Visit the site and, if necessary, record conditions at the site (through logs/notes, photographs, video or any other means);
3. Study and correlate the Respondent's observations with the RFP documents;
4. Submit written questions or inquiries about the RFP documents or the Work; and
5. Account for all general, local and prevailing conditions at or near the site that may in any manner affect the cost, schedule, progress, performance or furnishing of the work.

G) SITE INFORMATION

The MLB has conducted, and is providing in Attachment C, a Pre-Demolition Asbestos and Hazardous Material Survey on the subject property. The City of Newaygo previously commissioned a Phase I Study which is contained in Attachments D.

1. To the extent that any Respondent considers that additional information is necessary for determining its bid, it is the responsibility of that Respondent to request from the MLB the necessary additional information. In the event the MLB does not have the requested additional information, it shall be the responsibility of the Respondent, at the Respondent's sole cost, to undertake reasonable examinations of the site and any other pertinent available information and data that the Respondent considers necessary for determining its bid.
2. The Respondent awarded the contract shall be responsible for obtaining any lands, areas, properties, facilities, rights-of-way and easements, in addition to those furnished by the MLB, that the Respondent considers necessary for temporary facilities, storage, disposal of spoil or waste material or any other similar purpose. The MLB does not assume any responsibility for site conditions at any lands, areas, properties, facilities, rights-of-way and easements obtained by any Respondent.

H) PERFORMANCE CONDITIONS AND REQUIREMENTS

1. The Respondent awarded the contract shall comply with all applicable laws, including, but not limited to, laws affecting cost, schedule, progress, performance or furnishing of the Work. Examples of those laws include, but are not limited to, those relating to nondiscrimination in employment, protection of public and employee health and safety, environmental protection, building codes, fire protection, grading and drainage, use of explosives, vehicular traffic, restoration of lands and property under the control of the State or a political subdivision, taxes, permits and licensing. By way of example, but not exhaustive, all work must comply with the following regulatory requirements:
 - a. Federal Laws and Regulations

- i. 40 CFR Parts 239 through 282 - Resource Conservation and Recovery Act (RCRA), as amended
 - ii. Public Law 91-596 - Occupational Safety and Health Act (OSHA) of 1970, as amended
 - iii. 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response (HAZWOPER), as amended
 - iv. 29 CFR Part 1926 - Safety and Health Regulations for Construction, as amended
 - v. 40 CFR Part 260 - Construction Hazardous Waste Management Systems
 - vi. 40 CFR Part 261 - General Identification and Listing of Hazardous Wastes
 - vii. 40 CFR Part 262 - Standards Applicable to Generators of Hazardous Wastes
 - viii. 40 CFR Part 263 - Standards Applicable to Transporters of Hazardous Wastes
 - ix. 40 CFR Part 264 - Standards for Hazardous Wastes TSDF MLBs and Operators
 - x. 40 CFR Part 265 - Interim Standards for Hazardous Wastes TSDF MLBs and Operators
 - xi. 40 CFR Part 270 - Hazardous Waste Permits
 - xii. 49 CFR Part 172 - Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, Training Requirements, and Security Plans
 - xiii. 49 CFR Part 173 - General Requirements for Shipments and Packaging
 - xiv. 49 CFR Part 174-77 - Transporter Requirements
 - xv. 49 CFR Part 178-79 - Container Specifications
- b. State of Michigan Laws
- i. Michigan Public Act 451, Part 201 - Environmental Remediation, as amended
 - ii. Michigan Public Act 451, Part 115 - Solid Waste Management as amended
 - iii. Michigan Public Act 451, Part 111 - Hazardous Waste Management, as amended
 - iv. Michigan Public Act 451, Part 121 - Liquid Industrial By-Products
 - v. Michigan Public Act 154 - Michigan Occupational Safety and Health Act (MIOSHA)
 - vi. Michigan Public Act 451 Part 91 – Soil Erosion and Sedimentation Control, as amended
 - vii. Michigan Public Act 174, Miss Dig Underground Facility Damage Prevention and Safety Act
- c. Local Laws: City of Newaygo and/or County of Newaygo.

2. **Permits:** The demolition permit shall be obtained through the local jurisdiction. A copy is to be provided to the MLB prior to demolition.
3. **Meetings: Pre-Demolition Conference:** The MLB may schedule a pre-demolition conference to be attended by the MLB, the property owner, environmental consultant, and the successful Respondent and its subcontractors, as applicable. When no organizational meeting is called, the successful Respondent, before beginning any work, must meet with the staff of the MLB and arrange a work schedule for the project. Once the project has been started, the successful Respondent must carry it to completion without delay. *Progress Meetings:* The MLB may schedule progress meetings, in person or by phone conference, to be held whenever needed to supply information necessary to prevent job interruptions, to observe the work or to inspect completed work. The successful Respondent must be represented at each progress

meeting by persons with full authority to act for the successful Respondent in regard to all portions of the Work.

4. **Soil Erosion:** With respect to any earth disturbance associated with this contract, the successful Respondent shall comply with the Natural Resources and Environmental Protection Act; Soil Erosion and Sedimentation Control, 1994 PA 451 Part 91, as amended.
 - a. The successful Respondent shall be responsible for all application fees and obtaining a soil erosion and sedimentation control (SESC) permit.
 - b. The successful Respondent shall furnish, install, and maintain as long as necessary and remove when no longer required, all necessary engineering controls to prevent erosion and sedimentation of onsite soils in accordance with Part 91 of P.A. 451 and the SESC permit. The successful Respondent is expected to leave any soil erosion fencing in place upon completion.
5. **Hazardous Material:** The successful Respondent shall use, handle, store, dispose of, process, transport and transfer any material considered a hazardous material in accordance with all federal, State and local laws. If the successful Respondent encounters material reasonably believed to be a hazardous material and which may present a substantial danger, the successful Respondent shall immediately stop all affected work, give written notice to the MLB of the conditions encountered, and take appropriate health and safety precautions.
6. **Subcontractors:** Each Respondent shall include a list of subcontractors, if any are utilized, with their submission. The Respondent shall provide licensing data for trades for which licensing is required and, if applicable, indicate minority, woman or handicapped status. If the MLB objects, for good cause, to any listed subcontractor, the MLB, before issuing an award, may request replacement of that subcontractor at no increase in contract price and/or contract time. In that event, the Respondent shall provide a substitute subcontractor or the Respondent itself, if qualified for the work involved. If the Respondent declines, that Respondent shall not be considered.
 - a. All subcontractors are subject to the same qualification process as the Respondent.
 - b. Any replacement or addition to listed subcontractor(s) shall be required to meet the requirements of the RFP documents. If the MLB objects for good cause to any such newly listed subcontractor, the successful Respondent shall provide a replacement subcontractor at no increase in contract price and/or contract time.
7. **Use of Premises:** The successful Respondent shall confine its operations (including, but not limited to, construction equipment and laydown and storage) to the site and lands, areas, properties, facilities, rights-of-way and easements identified and permitted by the contract documents and shall not unreasonably encumber the Premises. The successful Respondent shall be responsible for any damage to the Premises (including, but not limited to, damage to any real and personal property) and for any damage to any adjacent lands, areas, properties, facilities, rights-of-way and easements (including, but not limited to, damage to any real and personal property) resulting from the successful Respondent's operations. The successful Respondent shall defend, indemnify and hold harmless the MLB, the City of Newaygo and their environmental consultant against all claims, as construed in adjacent lands, areas, properties, facilities, rights-of-way and easements (inclusive of real and personal property), including loss of use, to the extent resulting from the successful Respondent's operations.
 - a. The successful Respondent shall keep the Premises free from accumulations of waste materials, rubbish and other debris, and shall not remove, injure, cut, alter or destroy trees, shrubs, plants or grass, unless otherwise provided elsewhere in

the contract documents. At the completion of the work, the successful Respondent shall remove all obstructions, waste and surplus materials, rubbish, debris, tools and construction equipment and shall leave the site clean.

- b. The successful Respondent shall restore to pre-existing conditions all walks, roadways, paved areas and other real and personal property not designated for alteration by the contract documents. To the extent the successful Respondent refuses, fails or neglects to replace all such altered premises and/or restore to its pre-existing condition any walk, roadway, paved or landscaped area and other property not designated for alteration by the contract documents, the successful Respondent shall bear its proportionate share of the delay and costs resulting from the successful Respondent's refusal, failure or neglect to do so.
 - c. The successful Respondent shall not subject any part of the work or adjacent property to stresses or pressures that will damage or endanger the work or adjacent property, or both.
 - d. Storage or sale of removed items or materials on-site will not be permitted without advance written approval from the MLB.
 - e. The successful Respondent is responsible for any and all actions necessary to remedy situations involving material spilled or leaked in transit, or mud or dirt tracked off the site. This includes trucks carrying imported fill or other materials to the site (i.e. dust generated from trucks entering the site on adjacent roads). Perform cleanup in accordance with all applicable federal, State, and local regulations at no additional cost to MLB.
 - f. Reuse of Soil and/or Aggregates: Excavate, handle and/or stockpile any reused soil separately from all other materials. Provide each staging area with adequate thickness of polyethylene sheeting to completely cover all materials. Covers shall be large enough to cover the entire staging area when materials are stored. Arrange material stockpiles such that they can be covered and secured each day with polyethylene sheeting. In the event the stockpiles are arranged or sized such that they cannot be adequately covered, the successful Respondent shall reconfigure them at its sole expense. Cover all reuse soil stockpiles left untouched for 8 hours with a secured polyethylene tarp.
8. **Reports:** The successful Respondent shall maintain and make available to the MLB and environmental consultant daily field reports recording the onsite labor force and equipment (successful Respondent and subcontractors); materials/equipment received (at the site or at another location); visits by suppliers; significant in-progress and completed trade work within major areas; and other pertinent information. Such daily field reports shall be furnished by the successful Respondent promptly to the MLB and/or its environmental consultant upon their request, and shall be accepted for information only. Neither the MLB nor its environmental consultant's review of any daily field report shall be construed as agreement with the information contained in any such daily field report.
9. **Emergencies:** In emergencies affecting the safety or protection of persons, the work or property at or adjacent to the site, the successful Respondent, without any special instruction or authorization from the MLB, is obligated to act to prevent threatened damage, death, injury or loss. The successful Respondent shall give the MLB prompt written notice of any emergencies and any changes in the work resulting from the action taken. If the MLB concurs, the MLB will amend the contract documents to provide for those changes and, unless the emergency resulted in whole or in part from any act or omission within the control of the successful Respondent, will make any corresponding adjustment in contract price and/or contract time.

10. **Schedule:** A schedule of activities must be provided by the successful Respondent after award of contract and prior to beginning activities on the site.
11. **Debris Disposal:** Off-site disposal of materials must be in State licensed locations or landfills. Follow all applicable requirements and regulations.
12. **Inspections:** Following abatement activities, the successful Respondent shall contact the MLB's environmental consultant for a visual and/or air clearance examination. Any costs associated with clearance failures shall be deducted from successful Respondent's invoice(s). Successful Respondent shall coordinate with the MLB and city of Newaygo to schedule representative(s) of either or both organizations to be present for the demolition of the structure.
13. **Signage and Safety:** The successful Respondent must post appropriate signs to advise the project personnel and visitors of the limits of construction work areas, hardhat areas, excavations, asbestos abatement, construction parking and staging areas, etc. Advertising signage by successful Respondents, subcontractors, or suppliers is not allowed. The successful Respondent must maintain safe and adequate pedestrian and vehicular access to fire hydrants, commercial and industrial establishments, churches, schools, parking lots, hospitals, fire and police stations and like establishments. The successful Respondent must obtain written approval from the MLB ten (10) calendar days before connecting to existing facilities or interrupting the services on site.
 - a. The successful Respondent must furnish, install and maintain as long as necessary and remove when no longer required adequate barriers, warning signs or lights at all dangerous points throughout the work for protection of property, workers and the public.
 - b. Street Barricades: The successful Respondent must erect and maintain all street barricades, signal lights and lane change markers during the periods that a traffic lane is closed for their operations. There must be full compliance with rules and ordinances respecting such street barricading and devices must be removed when hazard is no longer present
14. **Temporary Fencing:** The successful Respondent must entirely enclose the demolition activity area by means of woven wire or snow fence having minimum height of four feet if an open hole is left overnight. Gates must be provided at all points of access, as applicable. Gates must be closed and secured in place at all times when work is not in progress. The fence must be removed and grounds restored to original condition upon completion of the work.
15. **Changes in Scope of Work:** The MLB is entitled to make changes within the general scope of work outlined in the RFP consisting of additions, deletions or other revisions in the specifications and/or drawings, any means and methods or any MLB-furnished lands, equipment, materials or services, or directing acceleration of the work. Such changes will result in the release of an amendment to this RFP with applicable time extensions and changes in costs as deemed necessary.
16. **Underground Utilities:** The successful Respondent shall comply with all laws concerning underground utilities, including but not limited to, Michigan Public Act 174, Miss Dig Underground Facility Damage Prevention and Safety Act. In addition, the successful Respondent shall be responsible for immediately notifying the MLB of any contact with or damage to underground utilities, and for the safety, protection of and repairing of any damage done to any work and any surface and subsurface facilities. The successful Respondent shall bear an appropriate portion of the delay and costs relating to the obligations set forth in this paragraph except as outlined in PA 174, 460.728 Section 8.

17. **Request for Final Payment:** To receive final payment the successful Respondent must have submitted and/or completed the following:
- a. Complete a substantial completion punch list, if any, within the contract time and date fixed by the MLB.
 - b. Submit all documentation outlined in Section I, C. Deliverables, above.
 - c. If applicable, the successful Respondent must complete any identified incomplete or defective work to the satisfaction of the MLB.

SECTION II SUBMISSION FORMAT

To be considered, each Respondent must submit a COMPLETE submission in response to this RFP using the format specified. Respondent's submission must be submitted in the format outlined below. There should be no attachments, enclosures, or exhibits other than those required in the RFP or considered by the Respondent to be essential to a complete understanding of the submission. Each section of the submission should be clearly identified with appropriate headings:

A) SUBMISSION

1. Business Organization and History – State the full name, address, and phone and facsimile number of your organization and, if applicable, the branch office or other subordinate element that will perform, or assist in performing, the work hereunder. Indicate whether it operates as an individual, partnership, or corporation; if as a corporation, include the state in which it is incorporated. If appropriate, the submission must state whether the organization is licensed to operate in the State of Michigan.
2. Statement of the Problem – State in succinct terms your understanding of MLB's intent presented by this RFP.
3. Narrative – Include a narrative summary description of the proposed effort and of the services(s)/products(s) that will be delivered.
4. Technical Work Plans – Provide detailed information on the qualifications that your firm has to accomplish each of the areas in the Scope of Work.
5. Prior Experience – Describe the prior experience of your organization which you consider relevant to the successful accomplishment of the project defined in this RFP. Include sufficient detail to demonstrate the relevance of such relevant experience. Submissions submitted should include, in this Section, descriptions of qualifying experience to include project descriptions, costs, and starting and completion dates of projects successfully completed; also include the name, address, and phone number of the responsible official of the client organization who may be contacted. The MLB may evaluate the Respondent's prior performance with the MLB or the State of Michigan, and prior performance information may be a factor in the award decision.
6. Project Staffing – The Respondent must be able to staff a project team which possesses talent and expertise in the field of the requirements of this RFP. Please provide a **brief** outline of qualifications and similar projects completed for each current staff member and their areas of expertise. Submit copies of any specialized training, certifications and current licenses for each staff member. Indicate which of these individuals you consider key to the successful completion of the work. Do not include any financials for the contemplated work within the Submission.
7. Subcontractors – Include a list of all subcontractors that may be engaged to supplement your work under a future contract; include firm name and address, contact person and complete description of work to be subcontracted. Include descriptive information concerning subcontractors' organization and abilities. Also, the information provided in response to A-5 and A-6, above, should include detailed information about each potential

subcontractors.

8. Financial Stability – Provide FY 2016 and 2017 Balance Sheets. Reviews will be made to reasonably ensure Respondent's financial position is such that it will continue to prosper as a business during the term of the contract, and beyond if appropriate, and have adequate financial resources to perform all contractual duties on a reimbursement basis.
9. Respondent's Authorized Expediter – Include the name and telephone number of person(s) in your organization authorized to expedite any proposed contract with the MLB.
10. Bid Bond – The MLB requires all Respondents to submit a bid bond with their proposal if the price is over \$50,000. All projects over \$50,000 will require a performance bond.
11. Insurance – Provide a copy of your Certificate of Insurance including Commercial General Liability insurance, Automobile insurance, Workers Compensation insurance, and Errors and Omissions Liability insurance. All levels of insurance must meet, or exceed, the MLB's contract requirements.
 - a) Commercial General Liability – Occurrence form, including coverage for bodily injury, personal injury, property damage (broad form), premises/operations, blanket contractual, and products/completed operations. Coverage shall be endorsed to include MLB as additional insured for work performed by Contractor or for Contractor in accordance with this Agreement.

Minimum Limits:

 - \$1,000,000 per occurrence/\$2,000,000 general aggregate
 - \$2,000,000 aggregate for products and completed operations
 - \$1,000,000 personal and advertising injury
 - b) Automobile – Michigan no-fault coverage, and residual automobile liability, comprehensive form, covering owned, hired, and non-owned automobiles. Coverage shall be endorsed to include MLB as additional insured for work performed by or for Contractor in accordance with this Agreement.

Minimum Limits:

 - No-fault coverages – statutory
 - \$500,000 per person/\$1,000,000 per accident – bodily injury
 - \$500,000 per occurrence – property damage **OR**
 - A combined single limit of \$1,000,000 per occurrence
 - c) Workers' Compensation – statutory;

Employer's Liability - \$100,000 each accident/\$100,000 disease – each employee; and

\$500,000 disease – policy limit.
12. Additional Information and Comments – Include any other information that is believed to be pertinent, but not specifically asked for elsewhere.
13. References – Provide a minimum of three references for each type of service outlined in the Scope of Work. Include contact name, company name, contact information and very

brief description of the work completed.

14. Violations – Briefly list and describe any state or federal environmental or safety violations your firm has received in the past 5 years from State or Federal inspectors. Briefly summarize the nature of the violation, the current status of the violation and corrective measures taken to avoid future, similar violations.

B) PRICE PROPOSAL

Provide a turnkey price for the project as outlined. The MLB is exempt from federal excise tax, and state and local sales taxes. The Price Proposal should not include taxes. Costs for abatement and demolition should be presented separately.

Separate travel related expenses will not be accepted.

Subject to any agreed extension of the period for holding bids, bids shall remain valid for acceptance by the MLB for ninety (90) calendar days after the date of bid opening. In addition, the MLB expressly reserves the right, within the MLB's sole discretion, to reject any or all bids, to waive any irregularities, to issue post-bid Addenda and rebid the work without re-advertising, to re-advertise for bids, to withhold the award for any reason the MLB determines and/or to take any other appropriate action.

THE PRICE PROPOSAL AND TECHNICAL PORTION MUST BE IDENTIFIED ACCORDING TO THE INSTRUCTIONS OF THIS RFP. Price proposal files will remain unopened until the Joint Evaluation Committee (the "JEC") has completed evaluation of the technical proposals.

Respondents Please Note: Rates quoted in response to this RFP are firm for ninety (90) calendar days after the date of bid opening. No price increase will be permitted during the contract awarded to the successful Respondent.

C) SUBMISSION

Submit separately marked electronic files of your Technical Submission and Price Proposal as noted on the RFP cover page. The MLB has no obligation to consider any Submission that is not timely received. **Submissions will only be accepted as noted on the RFP cover page.**

Your files are limited to 15MB. You may upload more than one file for Price Proposal and/or Technical Submission in response to this RFP.

RESPONDENTS ARE RESPONSIBLE FOR ASSURING THAT THE FOLLOWING IDENTIFYING INFORMATION APPEARS IN THE FILE NAME OF YOUR SUBMISSION: "RFP-CASE-19-0021 Price Proposal" and "RFP-CASE-19-0021 Technical Submission."

**SECTION III
RFP PROCESS AND TERMS AND CONDITIONS**

A) QUESTIONS

A pre-bid meeting will be held as noted on the RFP cover page. Questions from Respondents concerning the specifications in this RFP must be received as noted on the RFP cover page.

Questions that are phoned, faxed or sent through regular mail will not be accepted. The MLB has no obligation to respond to questions received after date noted on the RFP cover page

B) SUBMISSIONS

To be considered, Respondents must submit a complete response to this RFP, using the format provided in Section II of this RFP, as noted on the RFP cover page. No other distribution of submission is to be made by the Respondent.

The Cover Sheet (Attachment A) must be **signed physically or electronically** by the Respondent's Authorized Signatory. The Cover Sheet must be the first page of the Technical Submission.

The proposal must include a statement as to the period during which it remains valid; this period must be at least ninety (90) days from the response date this RFP is due. The rates quoted in the Price Proposal must remain firm for the period indicated in Section II. All print and digital materials submitted become the property of the MLB and will not be returned to the Respondent.

C) ECONOMY OF PREPARATION

Each submission should be prepared simply and economically, providing a straightforward, concise description of the Respondent's ability to meet the requirements of the RFP. Emphasis should be on completeness and clarity of content.

D) SELECTION CRITERIA

Responses to this RFP will be evaluated based upon a three-step selection process. The submission must address the requirements described in Section II of this RFP.

1) Step I – Initial evaluation for compliance

a) *Submission Content* – MLB staff will screen the submissions for technical compliance to include but not be limited to:

- Timely submission of the documentation.
- Submission signed physically or electronically.
- Submissions satisfy the form and content requirements of this RFP.

2) Step II – Criteria for Satisfactory Submissions

a) During the second step of the selection process, submissions will be considered by a Joint Evaluation Committee (the "JEC") comprised of individuals selected by

the MLB. Only those submissions that satisfy the requirements described in this RFP, as determined in the sole discretion of the JEC, will be considered for evaluation in Step II. The JEC reserves the right to request additional information from any Respondent.

- b) *Competence, Experience and Staffing Capacity* – The submission should indicate the ability of the Respondent to meet the requirements of this RFP, especially the time constraints, quality, and recent projects similar to that described in this RFP. The submission should indicate the competence of the personnel whom the Respondent intends to assign to the project, including education and experience, with particular reference to experience on projects similar to that described in this RFP and qualifications of Respondent’s Project Manager and the Project Manager’s dedicated management time, as well as that of other key personnel working on this project.

		Points Possible
1.	Statement of Work	5
2.	Respondent Information/Completeness	15
3.	Prior Experience	30
4.	Staffing	30
5.	Financial Stability & Insurance	20
TOTAL		100

- c) During the JEC’s review, Respondents may be required to make oral presentations of their proposals to the JEC. These presentations provide an opportunity for the Respondents to clarify the proposals. The MLB will schedule these presentations, if required by the JEC.
- d) Only those proposals receiving a score of **80 or more** in the technical proposal evaluation will have their pricing evaluated to be considered for award.

3) Step III – Selection for Specific Projects

- a) Based on what is in the best interest of the MLB, the MLB will award the Contract considering value, quality, and the ability to meet the objectives of this RFP, of proposals that were approved as a result of this two-step evaluation process.
- b) The MLB reserves the right to consider the economic impact on the State of Michigan when evaluating proposal pricing. This includes, but is not limited to: job creation, job retention, tax revenue implications, and other economic considerations.
- c) The award recommendation will be made to the responsive and responsible qualified Respondent who offers the best value to the MLB and the State of Michigan. Best value will be determined by the MLB with the Respondent meeting

the minimum point threshold and offering the *best proposal that meets the objectives of the RFP*.

E) RESPONDENTS COSTS

The MLB is not liable for any costs incurred by any Respondent prior to signing of a Contract by all parties.

F) TAXES

The MLB may refuse to qualify a Respondent who has failed to pay any applicable taxes or if the Respondent has an outstanding debt to the State of Michigan or the MLB.

Except as otherwise disclosed in an exhibit to the submission, Respondent certifies that all applicable taxes are paid as of the date the Respondent's Qualifications were submitted to the MLB and the Respondent owes no outstanding debt to the State of Michigan or the MLB.

G) CONFLICT OF INTEREST

The Respondent must disclose, in an exhibit to the submission, any possible conflicts of interest that may result from the award of a Contract or the services provided under a Contract.

Except as otherwise disclosed in the submission, the Respondent affirms that to the best of its knowledge there exists no actual or potential conflict between the Respondent, the Respondent's project manager(s) or its family's business or financial interests ("Interests") and the services provided under a Contract. In the event of any change in either Interests or the services provided under a Contract, the Respondent will inform the MLB regarding possible conflicts of interest which may arise as a result of such change and agrees that all conflicts shall be resolved to the MLB's satisfaction or the Respondent may be disqualified from consideration under this RFP. As used in this Section, "conflict of interest" shall include, but not be limited to, the following:

- 1) Giving or offering a gratuity, kickback, money, gift, or anything of value to a MLB official, officer, or employee with the intent of receiving a contract from the MLB or favorable treatment under a contract;
- 2) Having or acquiring at any point during the RFP process or during the term of any Contract, any contractual, financial, business or other interest, direct or indirect, that would conflict in any manner or degree with Respondent's performance of its duties and responsibilities to the MLB under a Contract or otherwise create the appearance of impropriety with respect to the award or performance of a Contract; or
- 3) Currently in possession of or accepting during the RFP process or the term of any Contract anything of value based on an understanding that the actions of the Respondent or its affiliates or Interests on behalf of the MLB will be influenced.

H) BREACH OF CONTRACT

Except as otherwise disclosed in an exhibit to Respondent's submission, Respondent is not in material default or breach of any contract or agreement that it may have with the State of Michigan or any of its departments, commissions, boards or agencies, or any other public body in the State of Michigan. Further, Respondent represents and warrants that it has not been a party to any contract with the State of Michigan or any public body that was terminated within the previous five (5) years because the Respondent failed to perform or otherwise breached an obligation of such contract.

I) DISCLOSURE OF LITIGATION

Except as otherwise disclosed in an exhibit to Respondent's submission, there is no criminal litigation, investigations or proceedings involving the Respondent (and each Subcontractor, if Subcontractors will be used to provide the goods/services requested under this RFP) or any of the Respondent's officers or directors or any litigation or proceedings under the Sarbanes-Oxley Act. In addition, Respondents must disclose in the exhibit requested under this Section of the RFP any civil litigation, arbitration or proceeding to which the Respondent (or, to the extent Respondent is aware, any Subcontractor) is a party and which involves: (1) disputes that might reasonably be expected to adversely affect the viability or financial stability of the Respondent (or Subcontractor); or (2) a claim or written allegation of fraud or breach of contract against Respondent (or, to the extent Respondent is aware, Subcontractor), by a governmental or public entity arising out of their business dealings with governmental or public entities. Details of any settlements which Respondent is prevented from disclosing under the terms of the settlement may be annotated as such.

J) FALSE INFORMATION

If the MLB determines that an Respondent purposefully or willfully submitted false information in response to this RFP, the Respondent will not be considered for an award and any resulting Contract that may have been executed may be terminated.

K) DISCLOSURE

All Respondents should be aware that submissions submitted to the MLB in response to this RFP may be subject to disclosure under the provisions of Public Act 442 of 1976, as amended, known as the Freedom of Information Act ("FOIA"). Accordingly, confidential information should be excluded from Respondents' submissions. Respondents, however, are encouraged to provide sufficient information to enable the MLB to determine the Respondent's qualifications and to understand or identify areas where confidential information exists and could be provided. The FOIA also provides for the complete disclosure of a Contract and any attachments or exhibits thereto.

L) PRICES HELD FIRM

LENGTH OF TIME PRICES ARE TO BE HELD FIRM: All rates quoted in Respondent's response to this RFP will be firm for at least ninety (90) days after the response date of this RFP submission. No price changes will be permitted. IN THE EVENT THAT PROPOSED CHANGES ARE NOT ACCEPTABLE TO THE MLB, THE CONTRACT SHALL BE TERMINATED, AND THE MODIFIED CONTRACT SHALL BE SUBJECT TO COMPETITIVE BIDDING.

M) CLARIFICATION/CHANGES IN THE RFP

Changes made to the RFP as the result of responses made to qualifying questions or concerns will be posted through the SIGMA system. Respondents are encouraged to regularly check this site for changes or other information related to the RFP.

If the initial period does not produce a viable response, the MLB may, at its discretion, extend the period until it receives a viable submission. Timelines will be moved to correspond to the accepted submission date. Notification of an extension will be made through SIGMA. The first qualifying submission that is received and accepted will end the extension period.

N) ELECTRONIC BID RECEIPT

YOUR SUBMISSION MUST BE RECEIVED AS NOTED ON THE RFP COVER PAGE. Respondents are responsible for timely submission of their documentation. THE MLB HAS NO OBLIGATION TO CONSIDER ANY SUBMISSION THAT IS NOT RECEIVED BY THE APPOINTED DATE AND TIME.

O) RESERVATION OF MLB DISCRETION

Notwithstanding any other statement in this RFP, the MLB reserves the right to:

- 1) reject any and all submissions;
- 2) waive any errors or irregularities in the bidding process or in any submission;
- 3) rebid the project;
- 4) negotiate with any Respondent for a reduced price, or for an increased price to include any alternates that the Respondent may propose;
- 5) revise or reduce the scope of the project, and rebid or negotiate with any Respondent regarding the revised project;
- 6) defer or abandon the project;
- 7) amend or revise the RFP; and/or
- 8) request clarification of information submitted and to request additional information of one or more Respondents.

The MLB's decision is final and not subject to appeal. Any attempt by a Respondent, collaborating entity, or other party of interest to the project to influence the awards process, to appeal, and/or take any action, including, but not limited to, legal action, regarding the submission or awards process in general may result in the Respondent's disqualification and elimination from the award process.

P) JURISDICTION

The laws of the State of Michigan shall govern this Agreement. The Parties shall make a good faith effort to resolve any controversies that arise regarding this Agreement. If a controversy cannot be resolved, the Parties agree that any legal actions concerning this Agreement shall be brought in the Michigan Court of Claims or, as appropriate, the Ingham County Circuit Court in Ingham County, Michigan. By signing this Agreement, Respondent acknowledges that it is

subject to the jurisdiction of this court and agrees to service by first class or express delivery wherever Contractor resides, in or outside of the United States.

Q) ADDITIONAL CERTIFICATION

Pursuant to Public Act 517 of 2012, an Iran linked business is not eligible to submit a submission on a request for qualifications, with a public entity.

Respondents must certify on the Cover Sheet (Appendix A) that it is not an Iran-linked business as defined in MCL 129.312.

Failure to sign this certification will result in disqualification from consideration.

ATTACHMENT A

Request for Proposal/Qualification Response Cover Sheet Form

(Attach as a cover sheet to your Technical Submission file)

DEMOLITION AND ABATEMENT CONTRACTOR

RFP-CASE-19-0021

General Information:

Firm Legal Name: _____ SIGMA ID #: _____

Firm's DBA (if any): _____

Firm's Address: _____

Firm's Telephone #: _____ Fax #: _____

Contact Name: _____ Contact's Telephone #: _____

Contact's Email Address: _____

Name of Authorized Signatory for the firm: _____

Michigan Limited Liability Company Michigan Corporation

Other: _____

Check if firm qualifies as any of the following: DBE MDE WBE

CERTIFICATIONS-Authorized Signatory to **initial** each of the following, as applicable:

_____ Respondent certifies that it is not an Iran-linked business as defined in MCL 129.312.

_____ Respondent certifies that taxes are paid to federal, state, and local jurisdictions as of this date.

_____ Respondent certifies that owes no outstanding debt to the State of Michigan or MLB.

_____ Respondent certifies that: (check one)

- To the best of its knowledge, there exists no actual or potential conflict of interest between Respondent, Respondent's project manager(s) or its family's business or financial interests ("Interests") and the service provided under a potential Contract.
- That there is an actual or potential conflict which is explained in the submittal.

Signature of Authorized Signatory

Date: _____

*Your SIGMA ID Number is located in your State of Michigan vendor file. If you are not currently registered as a vendor with the State of Michigan, you may go to: www.michigan.gov/SIGMAVSS and register. If you have any problems, please contact the SIGMA helpline at 1-800-856-6246.

ATTACHMENT B

**INDEPENDENT PRICE DETERMINATION AND
PRICES HELD FIRM CERTIFICATION**

INDEPENDENT PRICE DETERMINATION

By submission of a proposal, the Respondent certifies, and in the case of a joint proposal, each party thereto certifies as to its own organization, that in connection with this proposal:

1. The prices in the proposal have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition as to any matter relating to such prices with any other Respondent or with any competitor;
2. Unless otherwise required by law, the prices which have been quoted in the proposal have not been knowingly disclosed by the Respondent and will not knowingly be disclosed by the Respondent prior to award directly or indirectly to any other Respondent or to any competitor; and
3. No attempt has been made or will be made by the Respondent to induce any other person or firm to submit or not submit a proposal for the purpose of restricting competition.

Each person signing the proposal certifies that she/he:

- A) Is the person in the Respondent's organization responsible within that organization for the decision as to the prices being offered in the proposal and has not participated (and will not participate) in any action contrary to 1, 2, and 3 above; or
- B) Is not the person in the Respondent's organization responsible within that organization for the decision as to the prices being offered in the proposal but has been authorized, in writing, to act as agent for the persons responsible for such decision in certifying that such persons have not participated (and will not participate) in any action contrary to 1, 2, and 3 above.

A proposal will not be considered for award if this Attachment B has been altered so as to delete or modify 1 or 3, above. If 2, above, has been modified or deleted, the proposal will not be considered for award unless the Respondent provides, with this Attachment B, a signed statement which sets forth, in detail, the circumstances of the disclosure and the MLB determines that such disclosure was not made for the purpose of restricting competition.

PRICES HELD FIRM

LENGTH OF TIME PRICES ARE TO BE HELD FIRM: All rates quoted in Respondent's response to this RFP will be firm for ninety (90) calendar days after the date of bid opening. No price changes will be permitted after award of the contract, other than those resulting from an agreed upon change in scope of work.

Signed: _____
Print Name: _____

Date: _____

ATTACHMENT C

PRE-DEMOLITION ASBESTOS SURVEY

Conducted by AKT Peerless
Environmental Services
Date: 7/3/19



Pre-Demolition and Hazardous Materials Survey

53, 77, and 95 West Wood Street
Newaygo, Michigan 49337
AKT Peerless Project No. 14352s-1-194

PREPARED FOR Michigan Land Bank Fast Track Authority
300 North Washington Square
Lansing, Michigan 48913

PROJECT # 14352s-1-194

DATE July 3, 2019

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FUNCTIONAL SPACE FIGURES

Figure 1.....	Subject Property Location Map
Figure 2.....	Subject Building #1 Functional Space Map
Figure 3.....	Subject Buildings #2 Functional Space Map
Figure 4.....	Subject Buildings #3 Functional Space Map

APPENDICES

Appendix A.....	Photographs
Appendix B.....	Functional Space Table
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PRE-DEMOLITION AND HAZARDOUS MATERIALS SURVEY

53, 77, and 95 West Wood Street

Newaygo, Michigan 49337

AKT Peerless Project No. 14352s-1-194

1.0 Introduction

AKT Peerless Environmental Services (AKT Peerless) was retained by the Michigan Land Bank Fast Track Authority (Client) to conduct a Pre-Demolition and Hazardous Materials Surveys of 53, 77, and 95 West Wood Street, Newaygo, Michigan. AKT Peerless' scope of work is based on its proposal PS-24560, as well as the terms and conditions of the agreement with the Client. AKT Peerless' Pre-Demolition and Hazardous Materials Survey was performed for the benefit of the Michigan Land Bank Fast Track Authority.

1.1 Purpose

The purpose of AKT Peerless' Pre-Demolition and Hazardous Materials (HazMat) Survey was to identify the location and presence of: (1) asbestos-containing building materials (ACBMs); (2) potential polychlorinated biphenyl (PCB) containing electrical or hydraulic equipment; (3) potentially hazardous or regulated materials/wastes located in containers and drums; (4) potential, mercury or radioactive-containing equipment or materials located in the building; and (5) any other materials that would require special handling or disposal requirements and should be segregated from general construction debris.

1.2 Scope of Work

The scope of work for this survey is specifically designed to support facility demolitions, as identified within proposals PS-24560. AKT Peerless understands that the scope of demolition at the sites includes all interior and accessible exterior components of the Subject Buildings.

Michigan Licensing and Regulatory Affairs (LARA) accredited Asbestos Inspector Mr. Heath Bobick (A43315) of AKT Peerless conducted the Pre-Demolition and Hazardous Materials Survey of the property.

1.2.1 Asbestos Survey

The scope of work for AKT Peerless' asbestos survey is based on the Asbestos School Hazard Abatement Reauthorization Act (ASHARA). The purpose of ASHARA is to extend the Asbestos Hazard Emergency Response Act (AHERA) inspection and management requirements to commercial and industrial buildings. Since the facility is slated for demolition, it is also subject to Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) standards.

Asbestos Containing Material (ACM) survey activities were completed according to the following protocol:

1. Functional spaces were identified for the purpose of assessing all suspect materials, as appropriate.
2. The ACM inspection was performed in an effort to determine the extent and location of ACM present in the Subject Buildings. This survey was qualitative and quantitative in that an attempt was made to locate accessible friable and non-friable ACM areas, as well as estimate the amount of ACM. All accessible locations of the survey areas were inspected with exception of inaccessible areas or materials not surveyed that are identified in Section 1.3.
3. Bulk samples of suspect ACMs were collected in accordance with professional standards by a Michigan-accredited Asbestos Building Inspector.
4. Bulk samples were collected in each homogeneous area in accordance with EPA-recommended sampling guidelines.
5. Samples of suspect ACM were analyzed by a National Voluntary Laboratory Accreditation Program (NVLAP)-accredited laboratory for analysis, via Polarized Light Microscopy and dispersion staining (PLM) following the EPA Test Method (EPA-600/M4-82-020) and the National Institute of Standards and Technology (NIST) Bulk Asbestos Handbook.
6. In an effort to minimize costs, the laboratory analyses were performed using first positive stop analysis methodologies. First positive stop involves analyzing samples by homogeneous area groupings. Laboratory analyses proceeded sample by sample, within each homogeneous area grouping until a sample was determined to be asbestos containing.
7. Upon completion of the field inspection and receipt of laboratory data, this report was prepared and includes: (a) a general description of the suspect ACM identified and non-suspect homogeneous materials that were visually evaluated; (b) quantity of suspect materials observed as able to be determined; and (c) laboratory testing results.

1.2.2 PCB, Mercury, Lead, and Other Hazardous Materials

The survey for PCBs, potential lead/mercury-containing equipment, and containers that may contain universal hazardous wastes or regulated materials/wastes were completed according to the following procedures:

1. The buildings were inspected for potential hazardous materials such as PCB-containing light ballasts, batteries, chlorofluorocarbon-containing equipment, smoke detectors, exit signs, and mercury light tubes and switches. The survey of lighting/alarm systems comprised a visual inspection of the exterior of accessible emergency, light and exit sign fixtures, panels or components for possible PCB-containing ballast systems, mercury vapor lighting fixtures, batteries, or other hazardous materials. No intrusive examination or contact with manufacturers, sample collection, or testing of this equipment was performed. Limited sampling was performed as summarized, and as part of the survey report, an inventory of the materials identified has been included that summarizes the quantities of the hazardous building materials observed.

During execution of this survey, the work was performed using commercially reasonable best efforts consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions.

1.3 Limitations and Exceptions of the Survey

The following general limitations were encountered during the preparation of this survey:

- AKT Peerless uses trained and licensed inspectors in attempting to locate and identify materials potentially containing some form of hazardous material (i.e., asbestos, lead, PCB, etc.). The possibility exists that AKT Peerless did not identify all hazardous materials within the buildings. Some buildings have hidden spaces that may not be immediately obvious to a surveyor, who is not intimately familiar with the buildings, and who has only a limited time in the buildings. There may be additional hazardous materials that were not found because they were not visible or accessible to the inspection team. Asbestos, PCB, lead, and mercury were used in a variety of building components and in many types of materials in the construction of buildings. In some of these materials, a hazardous material may be present, not as an intentional ingredient, but as a contaminant.

The following building-specific limitations apply to this Pre-Demolition and Hazardous Materials Survey:

- Areas enclosed by fixed wall, ceiling systems, and roofing systems were restricted to limited visual access in identifying materials such as, but not limited to; pipe wrap, mud fittings, roof flashing, caulks, etc. Fixed wall and ceiling systems may include plaster, drywall partitions, ceramic tile finish, concrete, and masonry, and roofing systems, and may potentially contain multiple layers of building materials. These systems are installed throughout the exterior and interior areas of the building(s). Representative intrusive observations were made above drop ceilings, inside walls, and below flooring materials such as carpeting and roofing, whereas applicable. As such, a complete survey and delineation of all hidden materials were not performed. **Due to these limitations, actual quantities of hazardous materials present may be greater than those inventoried as part of this survey.**
- Whereas applicable, access to suspect ACM could potentially be located within restricted areas defined as being within a regulated confined space (i.e., such as pipe chases, pipe trenches, attics, elevator shafts, etc.). These areas require the use of trained confined space professionals, personnel protective equipment, and rescue personnel. AKT Peerless did not access confined space areas.
- The Subject Buildings are currently vacant. AKT Peerless used portable spotlights and flashlights to improve general viewing conditions whereas applicable.
- During the survey, no dismantling of electrical or mechanical equipment was conducted. Since trade personnel was not available (i.e. electricians, plumbers, etc.), no dismantling of equipment was performed to identify the existence of PCB containing components, mercury switches, or asbestos insulation.
- Estimated and not estimated quantities of materials reported are based on observations and estimates made by AKT Peerless at the time of the inspection. Specific materials including, but not limited to: roof flashing, roofing materials, tar coatings, thermal insulation and fittings, pipe wraps and debris, mud fittings, building caulks, and wall adhesives were located in inaccessible areas such as behind fixed walls or ceilings, unsafe areas, confined spaces, and/or elevated heights. **Due to these limitations, actual quantities may vary from those estimated as part of this survey.**

Other limitations pertaining to material accessibility or characterization may also be described in the survey data tables contained herein.

Quantities of identified ACM reported in this document are provided for reference only and are not authorized to be relied upon for Contractor abatement bidding purposes. AKT Peerless strongly cautions against utilizing the reported material quantities without field verification. It is expected that contractors will utilize their own quantities when preparing bid pricing. AKT Peerless recommends that a contingency allowance be used to address estimating method uncertainties for quantified materials.

2.0 Asbestos Survey Methodology

The following sections of this survey outline the approach, procedures, and methods employed by AKT Peerless to complete the ACM Survey of the Subject Property. Photographs of the Subject Property are attached as Appendix A.

2.1 Description of Homogenous Areas

During the asbestos survey, AKT Peerless identified Homogeneous Areas (HA) based on appearances and type of materials observed. As defined under AHERA, a homogeneous area is an area (material) that appears similar throughout in terms of its color, texture, and date of material application. In addition, building materials suspect for asbestos content are also described based on one of three following material classifications:

Surfacing Materials: A material that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes. Glued-on ceiling panels are interpreted by the State of Michigan as a surfacing material.

Thermal System Insulation: A material that is applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat lost or gain, or water condensation, or for other purposes.

Miscellaneous Materials: A building material on structural components, structural members or fixtures, such as floor and ceiling panels, and does not include surfacing material or thermal system insulation.

AKT Peerless identified homogeneous suspect ACMs at the Subject Property for sampling. Homogeneous areas were identified based on the site inspection by AKT Peerless. Any materials that were identified, but were not sampled due to inaccessibility were recorded.

2.2 Description of Functional Spaces

In general, functional spaces are defined as spatially distinct units or areas within the building, which contain identifiable populations of building occupants. Functional spaces can also include storage spaces, mechanical rooms, closets and services areas, etc. However, a functional space can also be delineated based on general building layout, facility use factors, and can be assigned using various arbitrary factors that were useful in the completion of this survey.

Functional Space Tables are included in Appendix B.

2.3 Bulk Sample Material Inventory

Based on homogeneous and functional areas identified during the survey, AKT Peerless collected bulk samples for analysis. Samples were collected in polyethylene containers and labeled with an identification number. In general, AKT Peerless' sampling protocol consisted of: (a) wetting or misting the sample as appropriate; (b) extracting a sample with a clean knife, chisel, or coring tool; and (c) placing the sample into its properly labeled sample container.

The sampling protocol used to procure the appropriate number of samples for an identified homogeneous area of suspect ACM is based on sampling guidelines outlined under AHERA or as proposed in the approved scope of work.

2.4 Laboratory Analytical Procedures

All samples collected by AKT Peerless were submitted to Apex Research, Inc. (Apex) of Whitmore Lake, Michigan for analysis. Apex is accredited by the American Industrial Hygiene Association (AIHA) and participates in the NVLAP. Samples were submitted under chain-of-custody guidelines to ensure proper handling and delivery of the samples. The samples were analyzed using PLM with dispersion staining in accordance with the following USEPA guidance document *Determination of Asbestos in Bulk Building Materials*: EPA/600/R-93/116, dated July 1993.

The USEPA defines ACM as those materials that contain **greater than one percent** asbestos. Friable materials are defined as those that can be crumbled or reduced to powder by hand pressure. The NESHAP for asbestos, dated November 1990 stipulates that any friable material identified as containing asbestos in concentrations greater than one percent must be considered ACM.

Materials containing one (1) percent or less asbestos are generally considered non-asbestos-containing, and therefore are not regulated by NESHAP. The OSHA definition of ACM is similarly any material containing more than one (1) percent asbestos. However, specific work practices must be followed under OSHA regulations for materials containing less than one percent asbestos if an individual layer exceeds one percent. Under the PLM method, percentages and types of fibrous components in these samples were determined by visual estimation of the amount of fibrous materials versus the total amount of material present.

Current USEPA guidelines specify that when initial laboratory analysis of friable or non-friable materials regulated under NESHAP detects the presence of asbestos in a quantity between less than one percent (or trace) and less than ten percent, a verification analysis using the point counting analytical method should be considered or the material in question should be treated as ACBM as identified by PLM analysis.

AKT Peerless utilized the "positive-stop" method of sample analyses. In this method, the analyses of a homogeneous material is stopped on a group of samples once the first positive (e.g., greater than 1% asbestos) sample is analyzed. According to the USEPA, if one sample of a homogenous material is identified to be asbestos-containing, the entire material must be considered asbestos-containing.

Based on appearances and type of materials, suspect ACMs were grouped into homogeneous areas and functional spaces as appropriate based on apparent age and similarity in texture and color. Upon completion of these activities, representative bulk samples of the suspect materials were collected. A copy of the bulk sample laboratory report and chain-of-custody record is presented in Appendix D.

3.0 Asbestos and Other Hazardous Materials Conclusions and Recommendations

AKT Peerless was retained by the Client to conduct a Pre-Demolition and Hazardous Materials Surveys of 53, 77, and 95 West Wood Street, Newaygo, Michigan. The purpose of the survey was to identify hazardous materials that will require special handling procedures or removal activities prior to demolition activities. The following sections of this report summarize the findings of the Pre-Demolition and Hazardous Materials Survey of the three (3) Subject Buildings.

3.1 Homogeneous Area & Asbestos Containing Materials (ACMs)

Based on the results of the asbestos survey, the following ACMs were identified:

Subject Building #1 – 53 West Wood Street Summary of Homogeneous Areas & Asbestos Containing Materials

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Drywall and Joint Compound	1-1	Throughout	3,200 SF	NF	Drywall NAD Joint Compound NAD
Carpet Adhesives	2-1	FS-1 Sun Porch	144 SF	NF	NAD
Cream Pattern Linoleum – Type 1 w/Layers	3-1	FS-4 Kitchen FS-5 Pantry	294 SF	F	White NAD White NAD Tar Paper NAD Glue NAD
Stone Pattern Linoleum	4-1	FS-7 Bedroom #1 (Closet)	32 SF	F	White NAD Fiberboard NAD
Cream Pattern Linoleum – Type 2	5-1	FS-2 Mud Room	40 SF	F	NAD
Tan Paneling Adhesives	6-1	FS-3 Bathroom #1	30 SF	NF	NAD
Cream Pattern Linoleum – Type 3	7-1	FS-3 Bathroom #1	48 SF	F	NAD
Textured Ceiling Materials	8-1	FS-6 Living Room	902 SF	F	NAD

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Interior Window Frame Caulking	9-1	FS-12 Bedroom #2 2 nd Floor	12 LF	NF	NAD
Square Pattern White Linoleum	10-1	FS-13 Bathroom #2 2 nd Floor	60 SF	F	NAD
Yellow Pattern Sheet Flooring	11-1	FS-14 Bedroom #3 2 nd Floor	110 SF	NF	NAD
Plaster	12-1	Throughout	1,900 SF	F	Brown NAD Grey NAD Finish Coat NAD Base Coat NAD
Basement Concrete Pad	13-1	FS-9 Basement	NE	NF	NAD
Basement Foundation Walls – Composite; Poured Concrete, Block and Mortar, and Mortar (Stone Portion)	14-1	FS-9 Basement	NE	NF	Mortar/White Brittle NAD Grey Brittle NAD Grey NAD
House and Garage Roofing Materials	15-1	FS-19 Exterior	2,200 SF	NF	Black Layer NAD Brown Shingle NAD Felt NAD
Basement Window Glazing	16-1	FS-19 Exterior	6 CT	NF	NAD
Shed Roofing Materials	17-1	FS-19 Exterior	140 NF	NF	Black Layer NAD Green Shingle NAD Felt NAD
Shed Interior Wall Covering	18-1	FS-18 Shed	100 SF	F	NAD
Black Paper Behind Vinyl Siding House	19-1	FS-19 Exterior	3,600 SF	F	NAD
Chimney Stack and Mortar	20-1	FS-19 Exterior	NE	NF	Mortar NAD Block NAD

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Exterior Building Caulks – Seams and Frames of Siding	21-1	FS-19 Exterior	450 LF	NF	NAD
Black Paper Behind Vinyl Siding Shed	22-1	FS-19 Exterior	550 SF	F	NAD

***Remove All Layers as Asbestos Containing**

Table Notes:

F = Friable NF = Non-friable FS = Functional Space NAD = No Asbestos Detected CHR = Chrysotile
 AMO = Amosite SF = Square Feet LF = Linear Feet PC = Point Count NE = Not Estimated
 CRO = Crocidolite ACT = Actinolite T = Tile M = Mastic MF = Mud Fittings CF = Cubic Feet
 ACM = Asbestos Containing Material (Greater than 1% Asbestos Content) NS = Not Sampled
 ASSUMED = Suspect material that was not sampled, but was assumed asbestos-containing

Asbestos Recommendation:

1. Asbestos containing materials were not identified within the laboratory analytical of suspect materials sampled during this survey.
2. Suspect materials discovered during the demolition are required to be assumed asbestos containing and handled appropriately in accordance with state and federal regulations unless determined through laboratory testing identifying them as non-asbestos containing.

**Subject Building #2 – 77 West Wood Street
 Summary of Homogeneous Areas & Asbestos Containing Materials**

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Gray and Tan Pattern Linoleum	1-1	FS-6 Mud Room	132 SF	F	NAD
2'X2' White Ceiling Tiles w/Pinholes	2-1	FS-6 Mud Room	132 SF	F	NAD
Fiberboard Walling and Ceilings w/Seams	3-1	Throughout	NE	F	NAD
Fiberglass Rolled Insulation w/Black Backing	4-1	Throughout	8 CY	F	NAD
White Pattern Linoleum w/Layers and Skim Coat Material	5-1	FS-4 Kitchen	154 SF	F	Beige NAD Brown NAD Skim NAD

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
12"X12" White Ceiling Tiles	6-1	FS-4 Kitchen	154 SF	F	NAD
Brown Pattern Linoleum	7-1	FS-5 Bathroom	60 SF	F	NAD
12"X12" White Ceiling Tiles w/Wave Pattern	8-1	FS-5 Bathroom FS-10 Stairs to 2 nd Floor	210 SF	F	NAD
Textured Ceiling Materials w/12"x12" Ceiling Tile Layers	9-1	FS-1 Living Room	210 SF	F	Texture NAD Tiles NAD
Black Paneling Adhesives*	10-1	FS-2 Bedroom #1 FS-3 Bedroom #2	80 SF	NF	1.75% CHR (PC)
2'X4' White Ceiling Tiles w/Fissures	11-1	FS-3 Bedroom #2	112.50 SF	F	NAD
Plaster	12-1	Throughout	2,150 SF	F	Base Coat NAD Finish Coat NAD
Drywall and Joint Compound	13-1	Throughout	1,850 SF	NF	Drywall NAD Joint Compound NAD
12"X12" Pattern Ceiling Tiles w/Adhesives	14-1	FS-10 Stairs to 2 nd Floor	40 SF	F	NAD
Green Pattern Flooring w/Layers	15-1	FS-11 Bedroom #3 2 nd Floor	180 SF	NF	Green NAD Black NAD Fiberboard NAD
Cream Pattern Flooring	16-1	FS-3 Bedroom #2	112.50 SF	NF	NAD
White Paneling Adhesives	17-1	FS-5 Bathroom	45 SF	NF	NAD
Window Glazing – 1 st /2 nd Floors	18-1	FS-17 Exterior	20 CT	NF	NAD
Basement Concrete Pad	19-1	FS-9 Basement	NE	NF	NAD
Basement Foundation Walls – Composite; Poured, Block and Mortar, Mortar (Stone Portion)	20-1	FS-9 Basement	NE	NF	NAD
House Roofing Materials	21-1	FS-17 Exterior	1,850 SF	NF	Layer 1 NAD Layer 2 NAD Layer 3 NAD

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Garage and Shed Roofing Materials	22-1	FS-17 Exterior	800 SF	NF	Layer 1 NAD Layer 2 NAD
Paper Behind Wood Siding – House	23-1	FS-17 Exterior	2,900 SF	F	NAD
Duct Wrap*	24-1	Throughout	95 LF	F	60% CHR
Stack Cement	25-1	FS-9 Basement	6 SF	NF	NAD
Window Glazing – Garage	26-1	FS-17 Exterior	3 CT	NF	NAD
Insulbrick Siding, Building Caulks and Flashing Materials*	27-1	FS-17 Exterior	2,900 SF	NF	Flashing 15% CHR Caulk NAD Siding NAD
Fiberboard Siding Behind Wood Siding – Garage	28-1	FS-17 Exterior	750 SF	F	NAD

***Remove All Layers as Asbestos Containing**

Table Notes:

F = Friable NF = Non-friable FS = Functional Space NAD = No Asbestos Detected CHR = Chrysotile
 AMO = Amosite SF = Square Feet LF = Linear Feet PC = Point Count NE = Not Estimated
 CRO = Crocidolite ACT = Actinolite T = Tile M = Mastic MF = Mud Fittings CF = Cubic Feet
 ACM = Asbestos Containing Material (Greater than 1% Asbestos Content) NS = Not Sampled
 ASSUMED = Suspect material that was not sampled, but was assumed asbestos-containing

Asbestos Recommendation:

1. Regulated ACM that can be abated safely must be properly removed by a licensed contractor in accordance with applicable state and federal regulations before demolition.
2. Suspect materials discovered during the demolition are required to be assumed asbestos containing and handled appropriately in accordance with state and federal regulations unless determined through laboratory testing identifying them as non-asbestos containing.

**Subject Building #3 – 95 West Wood Street
Summary of Homogeneous Areas & Asbestos Containing Materials**

Material Description	HA	Identified Locations	Estimated Quantity	F/NF	Asbestos Content
Roofing Materials	1-1	FS-10 Exterior	1,000 SF	NF	Black Layer NAD Black Shingle NAD Tar Paper NAD
Drywall and Joint Compound	2-1	Throughout	1,850 SF	NF	Drywall NAD Joint Compound NAD
Exterior Building Caulks	3-1	FS-10 Exterior	350 LF	NF	NAD
Textured Ceiling Materials	4-1	Throughout	900 SF	F	NAD
Discolored Linoleum	5-1	FS-1	35 SF F	F	Flooring NAD Adhesives NAD
Concrete Pad	6-1	Throughout	NE	NF	NAD
Tan Stud Adhesives	7-1	Throughout	250 SF	NF	NAD

***Remove All Layers as Asbestos Containing**

Table Notes:

F = Friable NF = Non-friable FS = Functional Space NAD = No Asbestos Detected CHR = Chrysotile
 AMO = Amosite SF = Square Feet LF = Linear Feet PC = Point Count NE = Not Estimated
 CRO = Crocidolite ACT = Actinolite T = Tile M = Mastic MF = Mud Fittings CF = Cubic Feet
 ACM = Asbestos Containing Material (Greater than 1% Asbestos Content) NS = Not Sampled
 ASSUMED = Suspect material that was not sampled, but was assumed asbestos-containing

Asbestos Recommendation:

1. Asbestos containing materials were not identified within the laboratory analytical of suspect materials sampled during this survey.
2. Suspect materials discovered during the demolition are required to be assumed asbestos containing and handled appropriately in accordance with state and federal regulations unless determined through laboratory testing identifying them as non-asbestos containing.

3.2 Summary of Identified Other Potentially Hazardous Materials

During the Hazardous Material Survey, AKT Peerless observed the existence of various types of potentially hazardous materials within the various buildings. In general, these materials were stored in containers of various capacities. An inventory of hazardous building materials and containers was prepared and is included in Appendix C.

The survey was conducted to identify universal hazardous wastes or regulated materials/wastes. The buildings were inspected for potential hazardous materials, such as PCBs or oil containing light ballasts, batteries, chlorofluorocarbon-containing equipment, smoke detectors, exit signs, mercury light tubes and switches, and underground storage tanks (USTs). No intrusive examination or contact with manufacturers, sample collection, or testing of this equipment was performed. No sampling of any hazardous component materials was performed.

AKT Peerless recommends that qualified contractors perform the removal of these materials and follow appropriate special handling and disposal measures, which are required before general building demolition activities. Based on the conditions observed it is recommended that unknown waste materials and oil stained concrete, as well as standing water that may be identified during demolition activities within but not limited to cisterns, basements, sump basins, and/or potential storm water discharge pits are appropriately characterized for waste disposal or recycling purposes, whereas applicable.

Hazardous Materials Recommendation:

The following summarizes our recommendations regarding the hazardous materials identified:

1. The materials included in Hazardous / Regulated Materials Summary and other items banned from landfill disposal, identified during the demolition should be properly removed and disposed of in accordance with applicable regulations.
2. AKT Peerless recommends that qualified contractors perform the removal of these materials and follow appropriate special handling and disposal measures, which are required before general building demolition. Based on the conditions observed, it is recommended that unknown waste materials, and oil stained concrete be sampled and appropriately characterized for waste disposal or recycling purposes, whereas applicable.
3. During any future demolition activities, in the event of any identified oil stained concrete, the contractor must delineate materials and segregate materials from the recyclable materials.

3.3 Electrical Transformers

AKT Peerless did not identify electrical transformers on the Subject Properties.

4.0 Limitations

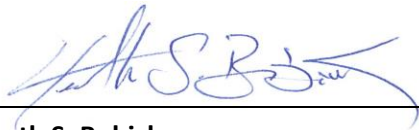
The information and opinions obtained in this report are for the exclusive use of the Client. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without written consent or as required by law or by a Court order. The information and opinions contained in the report are given in light of that assignment.

The report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed upon by the parties and as limited therein. Any third parties, who have been extended the right to rely on the contents of this report by AKT Peerless (which is expressly required prior to any third-party release), agrees to be bound by the original terms and conditions entered into by AKT Peerless and the Client.

Subject to the above and the terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession but disclaims any responsibility for consequential damages. Although AKT Peerless believes that results contained herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive or that the information provided by the Client(s) or third parties is complete or accurate.

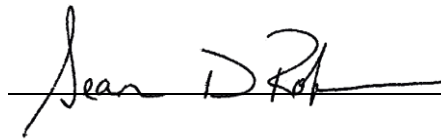
5.0 Signatures of Environmental Professionals

The following individuals contributed to the completion of this report.



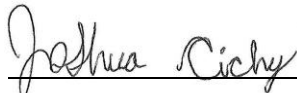
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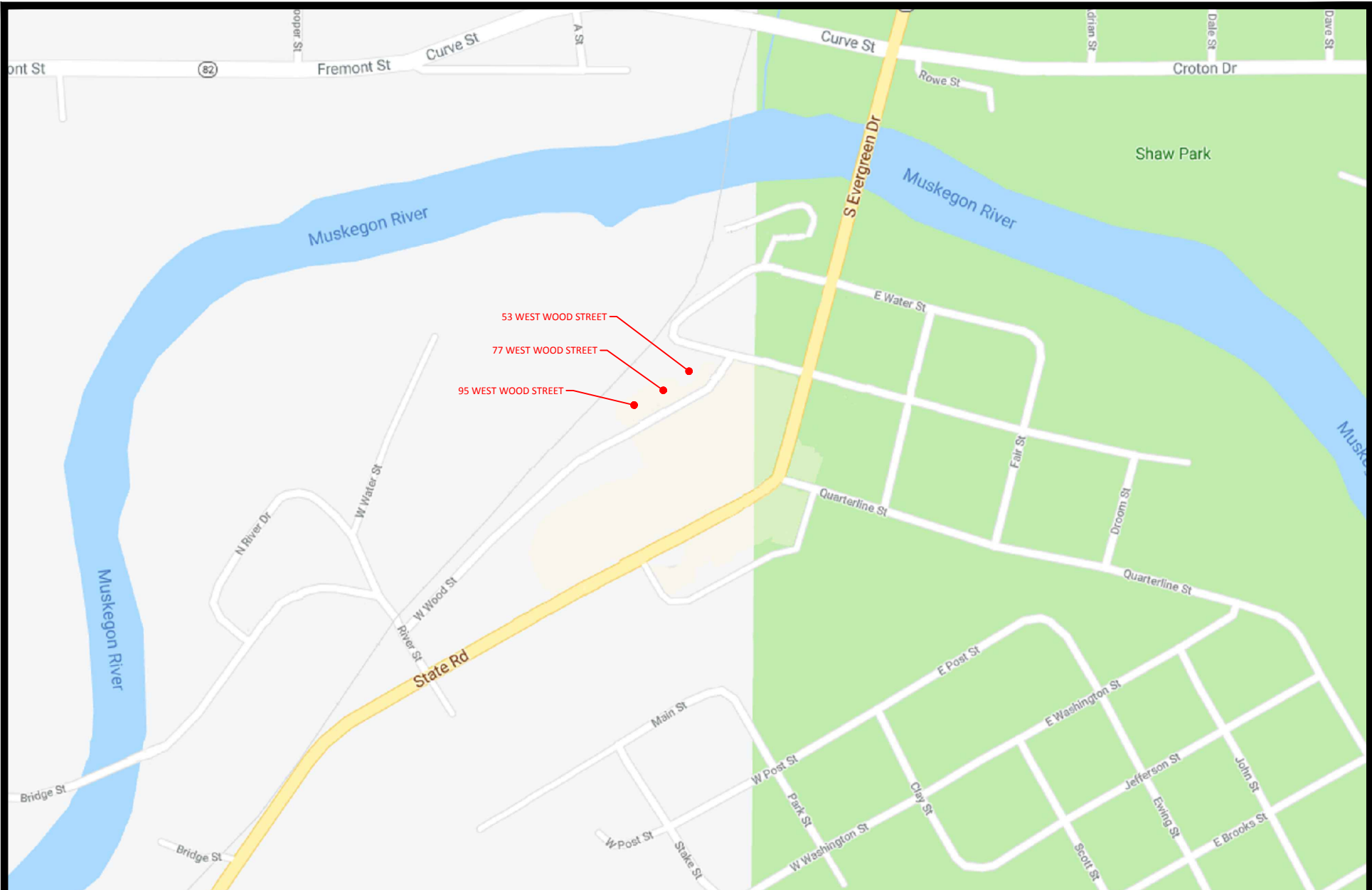
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Functional Space Figures



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SUBJECT PROPERTY LOCATION MAP

53, 77 & 95 WEST WOOD STREET
 NEWAYGO, MICHIGAN
 PROJECT NUMBER: 14352s-1-194

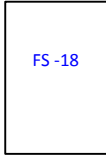
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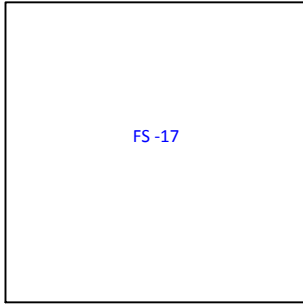
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FIGURE 3

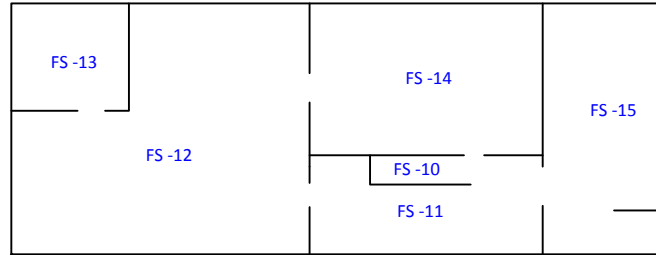
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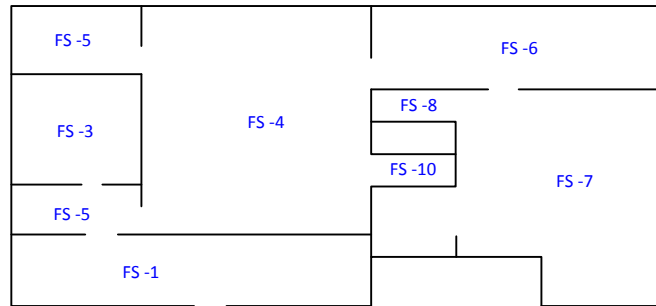
GARAGE



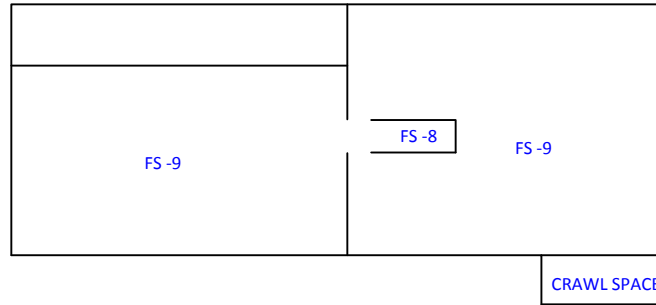
2ND FLOOR



1ST FLOOR



BASEMENT



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FUNCTIONAL SPACE MAP

53 WEST WOOD STREET
NEWAYGO, MICHIGAN
PROJECT NUMBER: 14352s-1-194

DRAWN BY: OGO
DATE: 06/25/2019

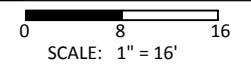
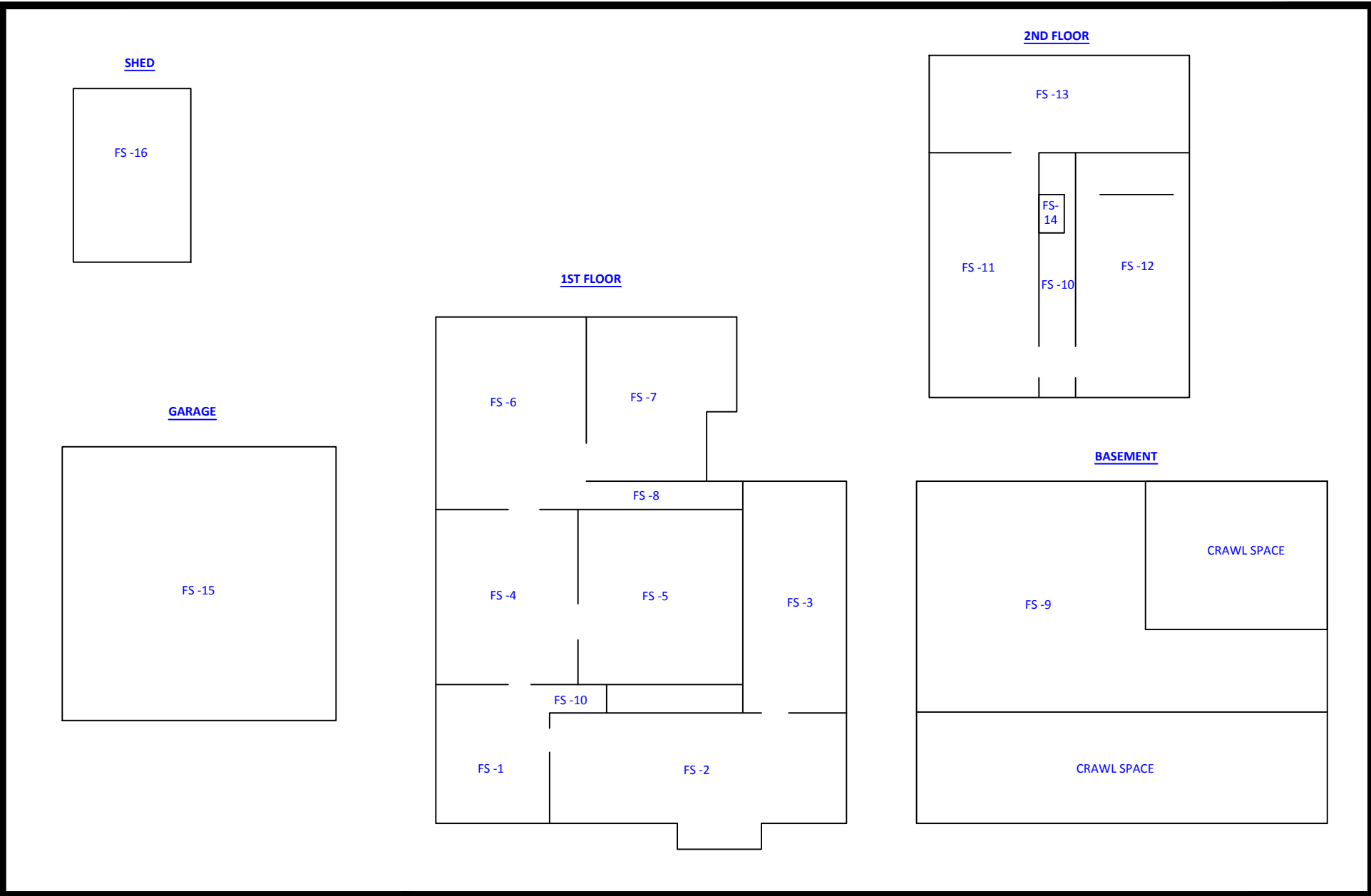


FIGURE 2



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FUNCTIONAL SPACE MAP

77 WEST WOOD STREET
 NEWAYGO, MICHIGAN
 PROJECT NUMBER: 14352s-1-194

DRAWN BY: OGO
 DATE: 06/25/2019

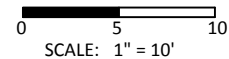
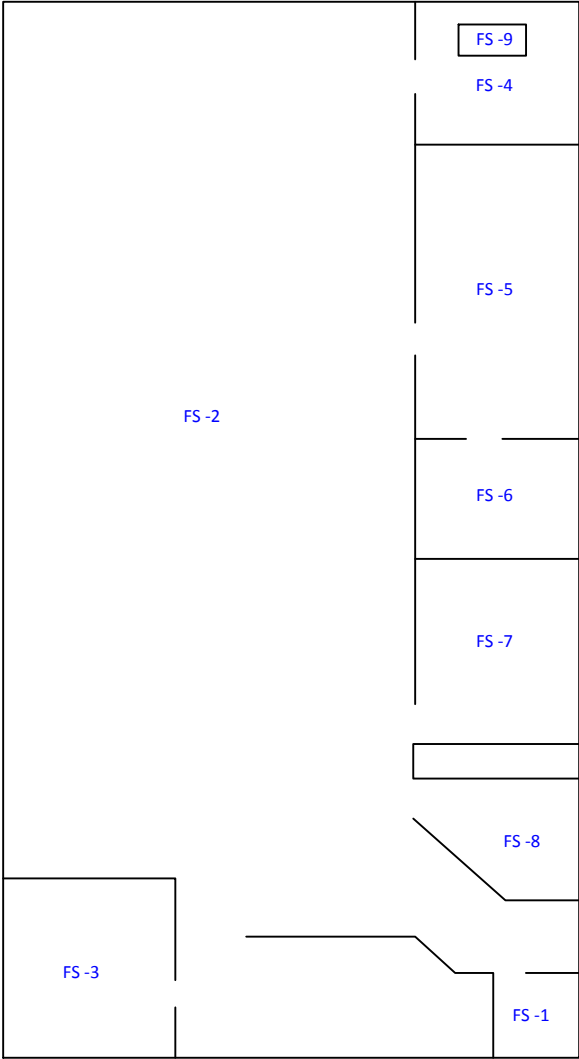


FIGURE 3



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FUNCTIONAL SPACE MAP

95 WEST WOOD STREET
NEWAYGO, MICHIGAN
PROJECT NUMBER: 14352s-1-194

DRAWN BY: OGO
DATE: 06/25/2019

0 5 10
SCALE: 1" = 10'

FIGURE 4

Appendix A

Photographs



**HOUSE EXTERIOR VIEW
53 WEST WOOD**



**GARAGE EXTERIOR VIEW
53 WEST WOOD**

AKT PEERLESS

PROPERTY PHOTOGRAPHS

*53, 77, and 95 West Wood Street
Newaygo, Michigan*

TAKEN BY: AKT
DATE: JUNE 2019

PROJECT NUMBER: 14352s



**SHED EXTERIOR VIEW
53 WEST WOOD**



**REPRESENTATIVE INTERIOR VIEW OF HOUSE
53 WEST WOOD**

AKT PEERLESS

PROPERTY PHOTOGRAPHS

*53, 77, and 95 West Wood Street
Newaygo, Michigan*

TAKEN BY: AKT
DATE: JUNE 2019

PROJECT NUMBER: 14352s



**REPRESENTATIVE INTERIOR VIEW OF GARAGE
53 WEST WOOD**



**REPRESENTATIVE INTERIOR VIEW OF SHED
53 WEST WOOD**



**REPRESENTATIVE VIEW OF SUSPECT SEPTIC TANK OR CISTERN
53 WEST WOOD**



**HOUSE EXTERIOR VIEW
77 WEST WOOD**

AKT PEERLESS

PROPERTY PHOTOGRAPHS

*53, 77, and 95 West Wood Street
Newaygo, Michigan*

TAKEN BY: AKT
DATE: JUNE 2019

PROJECT NUMBER: 14352s



**COMBINED GARAGE AND SHED EXTERIOR VIEW
77 WEST WOOD**



**REPRESENTATIVE INTERIOR VIEW OF HOUSE
77 WEST WOOD**



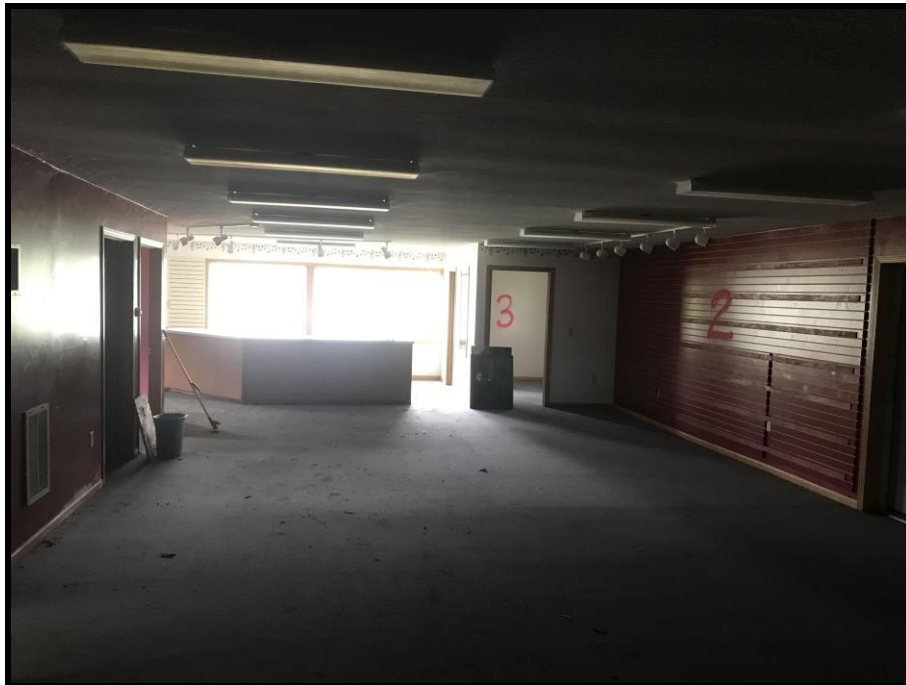
**REPRESENTATIVE INTERIOR VIEW OF GARAGE
77 WEST WOOD**



**REPRESENTATIVE INTERIOR VIEW OF SHED
77 WEST WOOD**



**COMMERCIAL BUILDING EXTERIOR VIEW
95 WEST WOOD**



**REPRESENTATIVE INTERIOR VIEW COMMERCIAL BUILDING
95 WEST WOOD**

AKT PEERLESS

PROPERTY PHOTOGRAPHS

*53, 77, and 95 West Wood Street
Newaygo, Michigan*

TAKEN BY: AKT
DATE: JUNE 2019

PROJECT NUMBER: 14352s

Appendix B

Functional Space Table

FUNCTIONAL SPACE (FS) LISTING

CLIENT: Michigan Land Bank Fast Track Authority
PROJECT NO: 14352s-1-194
Project Name: Pre-Demolition Survey
PROJECT ADDRESS: 53, 77, and 95 West Wood Street, Newaygo, MI

Functional Space No.	Description
Subject Building #1 - 53 West Wood Street	
FS-1	Sun Porch
FS-2	Mudroom
FS-3	Bathroom #1
FS-4	Kitchen
FS-5	Pantry
FS-6	Living Room
FS-7	Bedroom #1
FS-8	Stairs to Basement
FS-9	Basement
FS-10	Stairs to 2nd Floor
FS-11	Landing
FS-12	Bedroom #2 2nd Floor
FS-13	Bathroom #2 2nd Floor
FS-14	Bedroom #3 2nd Floor
FS-15	Bedroom #4 2nd Floor
FS-16	Attic
FS-17	Garage
FS-18	Shed
FS-19	Exterior
Subject Building #2 - 77 West Wood Street	
FS-1	Living Room
FS-2	Bedroom #1
FS-3	Bedroom #2
FS-4	Kitchen
FS-5	Bathroom
FS-6	Mudroom
FS-7	Back Entry
FS-8	Stairs to Basement
FS-9	Basement
FS-10	Stairs to 2nd Floor
FS-11	Bedroom #3 2nd Floor
FS-12	Bedroom #4 2nd Floor
FS-13	Attic #1
FS-14	Attic #2
FS-15	Garage
FS-16	Shed
FS-17	Exterior

FUNCTIONAL SPACE (FS) LISTING

CLIENT: Michigan Land Bank Fast Track Authority
PROJECT NO: 14352s-1-194
Project Name: Pre-Demolition Survey
PROJECT ADDRESS: 53, 77, and 95 West Wood Street, Newaygo, MI

Functional Space No.	Description
Subject Building #3 - 95 West Wood Street	
FS-1	Foyer
FS-2	Lobby
FS-3	Small Room
FS-4	Storage Room
FS-5	Mudroom
FS-6	Utility Room
FS-7	Bedroom
FS-8	Music Room
FS-9	Attic
FS-10	Exterior

Appendix C

PCB, Mercury, and Other Hazardous Materials Table

Client: Michigan Land Bank Fast Track Authority
 Project No: 14352s-1-194
 Project Name: Pre-Demolition Survey
 Project Address: 53, 77, and 95 West Wood Street, Newaygo, Michigan

HAZARDOUS MATERIALS INVENTORY

Materials Location Functional Space #	Miscellaneous Hazardous Materials	Exit Signs w/Lighting & Battery	Types of Bulbs		Light Ballasts	Smoke Detectors	Compressed Gasses	Automobiles, Trucks, Vehicles	Door Actuator	Gas Powered Lawnmowers, Motors, Snow Blowers, etc.	Thermostat / Thermometer	Fire Extinguishers	Televisions	Misc. Electronics	Appliances (Stoves, Refrigerators, etc.)	Aerosol Cans	Misc. Cleaners	Misc. Paints, Varnish, Stains & Adhesives	Tires	Automotive Fluids
			CFL's, Mercury Vapor, High Pressure Sodium, Miscellaneous Bulb	Fluorescent Tube Lighting																
Subject Building #1 - 53 West Wood Street																				
FS-1			1																	
FS-2	<i>No Hazardous Materials Identified During Survey</i>																			
FS-3	<i>No Hazardous Materials Identified During Survey</i>																			
FS-4			4			2									2					
FS-5	<i>No Hazardous Materials Identified During Survey</i>																			
FS-6			2																	
FS-7			2																	
FS-8						1														
FS-9	Hot Water Heater - 1 CT, Electrical Fuse Box - 1 CT, HVAC - 1 CT		2	2	2										1					

Client: Michigan Land Bank Fast Track Authority
 Project No: 14352s-1-194
 Project Name: Pre-Demolition Survey
 Project Address: 53, 77, and 95 West Wood Street, Newaygo, Michigan

HAZARDOUS MATERIALS INVENTORY

Materials Location Functional Space #	Miscellaneous Hazardous Materials	Exit Signs w/Lighting & Battery	Types of Bulbs		Light Ballasts	Smoke Detectors	Compressed Gasses	Automobiles, Trucks, Vehicles	Door Actuator	Gas Powered Lawnmowers, Motors, Snow Blowers, etc.	Thermostat / Thermometer	Fire Extinguishers	Televisions	Misc. Electronics	Appliances (Stoves, Refrigerators, etc.)	Aerosol Cans	Misc. Cleaners	Misc. Paints, Varnish, Stains & Adhesives	Tires	Automotive Fluids
			CFL's, Mercury Vapor, High Pressure Sodium, Miscellaneous Bulb	Fluorescent Tube Lighting																
FS-10	<i>No Hazardous Materials Identified During Survey</i>																			
FS-11	<i>No Hazardous Materials Identified During Survey</i>																			
FS-12			6																	
FS-13			2																	
FS-14			1																	
FS-15			4																	
FS-16	<i>No Hazardous Materials Identified During Survey</i>																			
FS-17			4											1						
FS-18	<i>No Hazardous Materials Identified During Survey</i>																			
FS-19	<i>No Hazardous Materials Identified During Survey</i>																			
Subject Building #2 - 77 West Wood Street																				
FS-1					1															
FS-2			2							1										
FS-3	<i>No Hazardous Materials Identified During Survey</i>																			

Client: Michigan Land Bank Fast Track Authority
 Project No: 14352s-1-194
 Project Name: Pre-Demolition Survey
 Project Address: 53, 77, and 95 West Wood Street, Newaygo, Michigan

HAZARDOUS MATERIALS INVENTORY

Materials Location Functional Space #	Miscellaneous Hazardous Materials	Exit Signs w/Lighting & Battery	Types of Bulbs		Light Ballasts	Smoke Detectors	Compressed Gasses	Automobiles, Trucks, Vehicles	Door Actuator	Gas Powered Lawnmowers, Motors, Snow Blowers, etc.	Thermostat / Thermometer	Fire Extinguishers	Televisions	Misc. Electronics	Appliances (Stoves, Refrigerators, etc.)	Aerosol Cans	Misc. Cleaners	Misc. Paints, Varnish, Stains & Adhesives	Tires	Automotive Fluids	
			CFL's, Mercury Vapor, High Pressure Sodium, Miscellaneous Bulb	Fluorescent Tube Lighting																	
FS-4			3																		
FS-5			3																		
FS-6																	1				
FS-7	<i>No Hazardous Materials Identified During Survey</i>																				
FS-8	<i>No Hazardous Materials Identified During Survey</i>																				
FS-9	Hot Water Heater - 1 CT, Electrical Fuse Box - 1 CT, HVAC - 1 CT														1						
FS-10						1															
FS-11						1															
FS-12						1															
FS-13	<i>No Hazardous Materials Identified During Survey</i>																				
FS-14	<i>No Hazardous Materials Identified During Survey</i>																				
FS-15				12	6																
FS-16	<i>No Hazardous Materials Identified During Survey</i>																				

Client: Michigan Land Bank Fast Track Authority
 Project No: 14352s-1-194
 Project Name: Pre-Demolition Survey
 Project Address: 53, 77, and 95 West Wood Street, Newaygo, Michigan

HAZARDOUS MATERIALS INVENTORY

Materials Location Functional Space #	Miscellaneous Hazardous Materials	Exit Signs w/Lighting & Battery	Types of Bulbs		Light Ballasts	Smoke Detectors	Compressed Gasses	Automobiles, Trucks, Vehicles	Door Actuator	Gas Powered Lawnmowers, Motors, Snow Blowers, etc.	Thermostat / Thermometer	Fire Extinguishers	Televisions	Misc. Electronics	Appliances (Stoves, Refrigerators, etc.)	Aerosol Cans	Misc. Cleaners	Misc. Paints, Varnish, Stains & Adhesives	Tires	Automotive Fluids
			CFL's, Mercury Vapor, High Pressure Sodium, Miscellaneous Bulb	Fluorescent Tube Lighting																
FS-17	<i>No Hazardous Materials Identified During Survey</i>																			
Subject Building #3 - 95 West Wood Street																				
FS-1	<i>No Hazardous Materials Identified During Survey</i>																			
FS-2			12	24	12															
FS-3				2	1															
FS-4				2	1															
FS-5				2	1															
FS-6	Hot Water Heater - 1 CT, Electrical Fuse Box - 1 CT																	3		
FS-7				2	1															
FS-8				4	2															
FS-9	<i>No Hazardous Materials Identified During Survey</i>																			
FS-10			3								1									
Totals																				
Totals		0	51	50	27	6	0	0	0	0	2	0	0	1	4	0	1	3	0	0

Appendix D

ACM Laboratory Reports and Chain of Custody

Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 53 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 214 Janes Ave.
 Saginaw, MI 48607

ARI Report # 19-84865
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 01 Cust. #: 1-1 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84865 - 01a Cust. #: 1-1 Material: Joint Compound Location: Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 02 Cust. #: 1-2 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples tested and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. APEX Research Inc. is not responsible for the accuracy of the results for layered samples or samples comprising multiple materials. Liability limited to cost of analysis.



Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 53 West Wood, Newaygo, MI
 Project # :14352S-1-194



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 Saginaw, MI 48607

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 02a Cust. #: 1-2 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 03 Cust. #: 1-3 Material: Drywall Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84865 - 03a Cust. #: 1-3 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Robert T. Letarte Jr., Laboratory Director

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 Project : 53 West Wood, Newaygo, MI
 Project # :14352S-1-194



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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 04 Cust. #: 1-4 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84865 - 04a Cust. #: 1-4 Material: Joint Compound Location: Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 05 Cust. #: 1-5 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%

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Robert T. Letarte Jr., Laboratory Director

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 Project : 53 West Wood, Newaygo, MI
 Project # :14352S-1-194



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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 05a Cust. #: 1-5 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 84865 - 06 Cust. #: 2-1 Material: Carpet Adhesives Location: Appearance: yellow,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 07 Cust. #: 2-2 Material: Carpet Adhesives Location: Appearance: yellow,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Robert T. Letarte Jr., Laboratory Director

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 08 Cust. #: 3-1 Material: Cream Pattern Linoleum Type 1 Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 4	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 08a Cust. #: 3-1 Material: White Linoleum/Glue Location: Appearance: white, fibrous, nonhomogenous Layer: 2 of 4	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 08b Cust. #: 3-1 Material: Tar Paper Location: Appearance: black, fibrous, homogenous Layer: 3 of 4	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%

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 Date Collected: 06/24/19
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 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 08c Cust. #: 3-1 Material: Brown Linoleum/Glue Location: Appearance: brown, fibrous, nonhomogenous Layer: 4 of 4	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 09 Cust. #: 3-2 Material: Cream Pattern Linoleum Type 1 Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 09a Cust. #: 3-2 Material: White Linoleum/Glue Location: Appearance: white, fibrous, nonhomogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 09b Cust. #: 3-2 Material: Brown Linoleum/Glue Location: Appearance: brown, fibrous, nonhomogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 10 Cust. #: 4-1 Material: Stone Pattern Linoleum Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%
Lab ID #: 84865 - 10a Cust. #: 4-1 Material: Fiberboard Location: Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 80% Other - 20%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 11 Cust. #: 5-1 Material: Cream Pattern Linoleum Type 2 Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 5% Other - 75%
Lab ID #: 84865 - 12 Cust. #: 5-2 Material: Cream Pattern Linoleum Type 2 Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 5% Other - 75%
Lab ID #: 84865 - 13 Cust. #: 6-1 Material: Tan Paneling Adhesives Location: Appearance: yellow, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 14 Cust. #: 6-2 Material: Tan Paneling Adhesives Location: Appearance: yellow,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 15 Cust. #: 7-1 Material: Cream Pattern Linoleum Type 3 Location: Appearance: beige,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 16 Cust. #: 8-1 Material: Textured Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 17 Cust. #: 8-2 Material: Textured Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 84865 - 18 Cust. #: 8-3 Material: Textured Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 84865 - 19 Cust. #: 9-1 Material: Window Caulk Location: Framing Interior Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 20 Cust. #: 9-2 Material: Window Caulk Location: Framing Interior Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 21 Cust. #: 10-1 Material: Square Pattern White Linoleum Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%
Lab ID #: 84865 - 22 Cust. #: 10-2 Material: Square Pattern White Linoleum Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 10% Other - 80%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 23 Cust. #: 11-1 Material: Yellow Pattern Sheet Flooring Location: Appearance: yellow, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84865 - 24 Cust. #: 11-2 Material: Yellow Pattern Sheet Flooring Location: Appearance: yellow, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84865 - 25 Cust. #: 12-1 Material: Brown Plaster Location: Appearance: brown, fibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 5% Other - 95%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 53 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 214 Janes Ave.
 Saginaw, MI 48607

ARI Report # 19-84865
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 25a Cust. #: 12-1 Material: Grey Plaster Location: Appearance: grey,fibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 5% Other - 95%
Lab ID #: 84865 - 26 Cust. #: 12-2 Material: Brown Plaster Location: Appearance: brown,fibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Hair - 5% Other - 95%
Lab ID #: 84865 - 27 Cust. #: 12-3 Material: Plaster Finish Coat Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 27a Cust. #: 12-3 Material: Plaster Base Coat Location: Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 5% Other - 95%
Lab ID #: 84865 - 28 Cust. #: 13-1 Material: Basement Concrete Pad Location: Appearance: grey, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 29 Cust. #: 13-2 Material: Basement Concrete Pad Location: Appearance: grey, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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 Date Collected: 06/24/19
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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 30 Cust. #: 14-1 Material: Mortar/White Brittle Location: Basement Foundation Walls Appearance: white,nonfibrous,homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 30a Cust. #: 14-1 Material: Grey Brittle Location: Basement Foundation Walls Appearance: grey,nonfibrous,homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 30b Cust. #: 14-1 Material: Composite Location: Basement Foundation Walls Appearance: grey,fibrous,nonhomogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 31 Cust. #: 14-2 Material: Mortar/White Brittle Location: Basement Foundation Walls Appearance: white,nonfibrous,homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 31a Cust. #: 14-2 Material: Grey Brittle Location: Basement Foundation Walls Appearance: grey,nonfibrous,homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 31b Cust. #: 14-2 Material: Composite Location: Basement Foundation Walls Appearance: grey,nonfibrous,nonhomogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%

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 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 32 Cust. #: 15-1 Material: House/Garage Roofing Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 84865 - 32a Cust. #: 15-1 Material: Brown Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 84865 - 32b Cust. #: 15-1 Material: Felt Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%

For Layered Samples, each component will be analyzed and reported separately.

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 33 Cust. #: 15-2 Material: House/Garage Roofing Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 84865 - 33a Cust. #: 15-2 Material: Brown Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 84865 - 33b Cust. #: 15-2 Material: Felt Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 50% Other - 50%

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 34 Cust. #: 16-1 Material: Basement Window Glazing Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 35 Cust. #: 16-2 Material: Basement Window Glazing Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 36 Cust. #: 17-1 Material: Shed Roofing Materials Location: Appearance: black,fibrous,homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%

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Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 36a Cust. #: 17-1 Material: Green Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Other - 60%
Lab ID #: 84865 - 36b Cust. #: 17-1 Material: Felt Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 50% Other - 50%
Lab ID #: 84865 - 37 Cust. #: 17-2 Material: Shed Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%

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Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 37a Cust. #: 17-2 Material: Green Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Other - 60%
Lab ID #: 84865 - 37b Cust. #: 17-2 Material: Felt Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%
Lab ID #: 84865 - 38 Cust. #: 18-1 Material: Shed Interior Wall Covering Location: Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 80% Other - 20%

For Layered Samples, each component will be analyzed and reported separately.

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 39 Cust. #: 18-2 Material: Shed Interior Wall Covering Location: Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 80% Other - 20%
Lab ID #: 84865 - 40 Cust. #: 19-1 Material: Black Paper Location: Behind Vinyl House Siding Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%
Lab ID #: 84865 - 41 Cust. #: 19-2 Material: Black Paper Location: Behind Vinyl House Siding Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 42 Cust. #: 20-1 Material: Chimney Block Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 42a Cust. #: 20-1 Material: Mortar Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 43 Cust. #: 20-2 Material: Chimney Block Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 43a Cust. #: 20-2 Material: Mortar Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 44 Cust. #: 21-1 Material: Exterior Building Caulks Location: House, Seams/Frame Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84865 - 45 Cust. #: 21-2 Material: Exterior Building Caulks Location: House, Seams/Frame Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84865 - 46 Cust. #: 22-1 Material: Black Paper Location: Behind Vinyl Shed Siding Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%
Lab ID #: 84865 - 47 Cust. #: 22-2 Material: Black Paper Location: Behind Vinyl Shed Siding Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 60% Other - 40%
Lab ID #: Cust. #: Material: Location: Appearance: Layer: of	Asbestos Present:	

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84865**APEX Research, Inc.**Tech Drive, Whitmore Lake, MI 48189. Phone: (734) 449 - 9990, Fax (734) 449 - 9991.
b Site: <http://apexresearch-inc.com>. Email: Robert.Letarte@apexresearchlab.com
 Customer Name: AKT Peerless
 Address: 214 Janes Avenue
 City, St., Zip: Saginaw, MI 48607
 Phone: 989-754-9896 Fax: 989-754-3804

 Date of Survey: 6-24-2019
 Project: 53 WEST WOOD, NEWAYGO, MI
 Project #: 14352S-1-194
 Contact Person: HEATH BOBICK
 Email: _BOBICKH@aktpeerless.com

 Lab Use Only
 Log-In: _____
 Report: _____
 Fax: _____
 Verbal: _____
 Email: _____

REV 6-27-2019

Turn Around Times:**5 Days****TTP YES**

(Test Till Positive)

Asbestos:**Bulk** Wipe PCM **Lead:****Paint** Wipe

***Terms and conditions on the other side.

Lab ID	Customer ID #	Material/Location	Results
1	1-1	DRYWALL AND JOINT COMPOUND	
2	1-2	DRYWALL AND JOINT COMPOUND	
3	1-3	DRYWALL AND JOINT COMPOUND	
4	1-4	DRYWALL AND JOINT COMPOUND	
5	1-5	DRYWALL AND JOINT COMPOUND	
6	2-1	CARPET ADHESIVES	
7	2-2	CARPET ADHESIVES	
8	3-1	CREAM PATTERN LINOLEUM TYPE 1 W/LAYERS	
9	3-2	CREAM PATTERN LINOLEUM TYPE 1 W/LAYERS	
10	4-1	STONE PATTERN LINOLEUM	
11	5-1	CREAM PATTERN LINOLEUM - TYPE 2	
12	5-2	CREAM PATTERN LINOLEUM - TYPE 2	
13	6-1	TAN PANELING ADHESIVES	
14	6-2	TAN PANELING ADHESIVES	
15	7-1	CREAM PATTERN LINOLEUM - TYPE 3	
16	8-1	TEXTURED CEILING MATERIALS	
17	8-2	TEXTURED CEILING MATERIALS	
18	8-3	TEXTURED CEILING MATERIALS	
19	9-1	WINDOW CAULK - FRAMING INTERIOR	
20	9-2	WINDOW CAULK - FRAMING INTERIOR	
21	10-1	SQUARE PATTERN WHITE LINOLEUM	
22	10-2	SQUARE PATTERN WHITE LINOLEUM	
23	11-1	YELLOW PATTERN SHEET FLOORING	
24	11-2	YELLOW PATTERN SHEET FLOORING	
25	12-1	PLASTER	
26	12-2	PLASTER	
27	12-3	PLASTER	
28	13-1	BSMT CONCRETE PAD	
29	13-2	BSMT CONCRETE PAD	
30	14-1	BSMT FOUNDATION WALLS - COMPOSITE; BLOCK/MORTAR, POURED, MORTAR (STONES)	
31	14-2	BSMT FOUNDATION WALLS - COMPOSITE; BLOCK/MORTAR, POURED, MORTAR (STONES)	
32	15-1	HOUSE AND GARAGE ROOFING	
33	15-2	HOUSE AND GARAGE ROOFING	
34	16-1	BSMT WINDOW GLAZING	

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35	16-2	BSMT WINDOW GLAZING	
36	17-1	SHED ROOFING MATERIALS	
37	17-2	SHED ROOFING MATERIALS	
38	18-1	SHED INTERIOR WALL COVERING - BROWN MATERIAL	
39	18-2	SHED INTERIOR WALL COVERING - BROWN MATERIAL	
40	19-1	BLACK PAPER BEHIND VINYL HOUSE SIDING	
41	19-2	BLACK PAPER BEHIND VINYL HOUSE SIDING	
42	20-1	CHIMNEY BLOCK AND MORTAR	
43	20-2	CHIMNEY BLOCK AND MORTAR	
44	21-1	EXT BLDG CAULKS - HOUSE - SEAMS/FRAMES	
45	21-2	EXT BLDG CAULKS - HOUSE - SEAMS/FRAMES	
46	22-1	BLACK PAPER BEHIND VINYL SHED SIDING	
47	22-2	BLACK PAPER BEHIND VINYL SHED SIDING	

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Relinquished By: ASB
 Date: 6-24-2019
 Revision Date: June/2011

Received By: [Signature]
 Date: JUN 26 2019

APEX RESEARCH

Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)



Project : 77 West Wood, Newaygo, MI
Project # :14352S-1-194

Report To:

Mr. Heath Bobick
AKT Peerless
22725 Orchard Lake Rd.
Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 01 Cust. #: 1-1 Material: Grey/Tan Pattern Linoleum Location: Appearance: grey, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%
Lab ID #: 84858 - 02 Cust. #: 1-2 Material: Grey/Tan Pattern Linoleum Location: Appearance: grey, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%
Lab ID #: 84858 - 03 Cust. #: 2-1 Material: 2x2 White Ceiling Tiles w/ Pinholes Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 45% Fiberglass - 25% Other - 30%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 04 Cust. #: 2-2 Material: 2x2 White Ceiling Tiles w/ Pinholes Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 45% Fiberglass - 25% Other - 30%
Lab ID #: 84858 - 05 Cust. #: 3-1 Material: Fiberboard Location: Ceilings & Walls w/Seam Materials Appearance: brown, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%
Lab ID #: 84858 - 06 Cust. #: 3-2 Material: Fiberboard Location: Ceilings & Walls w/Seam Materials Appearance: brown, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 07 Cust. #: 4-1 Material: Fiberglass Rolled Ins. w/ Black Backing Location: Appearance: yellow, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 15% Fiberglass - 70% Other - 15%
Lab ID #: 84858 - 08 Cust. #: 4-2 Material: Fiberglass Rolled Ins. w/ Black Backing Location: Appearance: yellow, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 80% Other - 10%
Lab ID #: 84858 - 09 Cust. #: 5-1 Material: White Pattern Linoleum Location: Appearance: beige, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 09a Cust. #: 5-1 Material: Flooring Location: Appearance: brown, fibrous, nonhomogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 09b Cust. #: 5-1 Material: Skim Location: Appearance: white, nonfibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 10 Cust. #: 5-2 Material: White Pattern Linoleum Location: Appearance: beige, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 10a Cust. #: 5-2 Material: Flooring Location: Appearance: brown, fibrous, nonhomogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 10b Cust. #: 5-2 Material: Skim Location: Appearance: white, nonfibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 11 Cust. #: 6-1 Material: 12x12 White Ceiling Tiles Location: Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 12 Cust. #: 6-2 Material: 12x12 White Ceiling Tiles Location: Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: 84858 - 13 Cust. #: 7-1 Material: Brown Pattern Linoleum Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Fiberglass - 10% Other - 90%
Lab ID #: 84858 - 14 Cust. #: 8-1 Material: 12x12 White Ceiling Tiles, Wave Pattern Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 45% Fiberglass - 15% Other - 40%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 15 Cust. #: 8-2 Material: 12x12 White Ceiling Tiles, Wave Pattern Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Fiberglass - 15% Other - 35%
Lab ID #: 84858 - 16 Cust. #: 9-1 Material: Texture Ceiling Materials Location: Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 16a Cust. #: 9-1 Material: 12" Ceiling Tile Location: Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 17 Cust. #: 9-2 Material: Texture Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 17a Cust. #: 9-2 Material: 12" Ceiling Tile Location: Appearance: brown,fibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: 84858 - 18 Cust. #: 9-3 Material: Texture Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 18a Cust. #: 9-3 Material: 12" Ceiling Tile Location: Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: 84858 - 19 Cust. #: 10-1 Material: Black Paneling Adhesives Location: Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 1.75% POINT COUNT RESULT	Other - 98.25%
Lab ID #: 84858 - 20 Cust. #: 10-2 Material: Black Paneling Adhesives Location: Appearance: Layer: of	Asbestos Present: NOT ANALYZED	

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 21 Cust. #: 11-1 Material: 2x4 White Ceiling Tiles w/ Fissures Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Mineral Wool - 2% Fiberglass - 25% Other - 33%
Lab ID #: 84858 - 22 Cust. #: 11-2 Material: 2x4 White Ceiling Tiles w/ Fissures Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Mineral Wool - 2% Fiberglass - 25% Other - 33%
Lab ID #: 84858 - 23 Cust. #: 12-1 Material: Plaster Base Coat Location: Walls/Ceilings Appearance: grey, fibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 2% Other - 98%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 23a Cust. #: 12-1 Material: Plaster Base Coat Location: Walls/Ceilings Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 24 Cust. #: 12-2 Material: Plaster Base Coat Location: Walls/Ceilings Appearance: grey,fibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 2% Other - 98%
Lab ID #: 84858 - 24a Cust. #: 12-2 Material: Plaster Base Coat Location: Walls/Ceilings Appearance: grey,fibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 25 Cust. #: 12-3 Material: Plaster Finish Coat Location: Walls/Ceilings Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 25a Cust. #: 12-3 Material: Plaster Base Coat Location: Walls/Ceilings Appearance: beige,fibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 84858 - 26 Cust. #: 13-1 Material: Drywall Location: Appearance: beige,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 27 Cust. #: 13-2 Material: Drywall Location: Appearance: beige, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84858 - 28 Cust. #: 13-3 Material: Drywall Location: Appearance: beige, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84858 - 28a Cust. #: 13-3 Material: Joint Compound Location: Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 29 Cust. #: 14-1 Material: 12" Pattern Ceiling Tiles w/ Adhesives Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Mineral Wool - 2% Fiberglass - 20% Other - 38%
Lab ID #: 84858 - 30 Cust. #: 14-2 Material: 12" Pattern Ceiling Tiles w/ Adhesives Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 40% Mineral Wool - 2% Fiberglass - 20% Other - 38%
Lab ID #: 84858 - 31 Cust. #: 15-1 Material: Green Pattern Flooring Location: Appearance: green, fibrous, nonhomogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 31a Cust. #: 15-1 Material: Flooring Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 31b Cust. #: 15-1 Material: Fiberboard Location: Appearance: brown, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: 84858 - 32 Cust. #: 15-2 Material: Green Pattern Flooring Location: Appearance: green, fibrous, nonhomogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 32a Cust. #: 15-2 Material: Flooring Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 32b Cust. #: 15-2 Material: Fiberboard Location: Appearance: brown, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: 84858 - 33 Cust. #: 16-1 Material: Cream Pattern Flooring Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)



Project : 77 West Wood, Newaygo, MI
Project # :14352S-1-194

Report To:

Mr. Heath Bobick
AKT Peerless
22725 Orchard Lake Rd.
Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 34 Cust. #: 16-2 Material: Cream Pattern Flooring Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 35 Cust. #: 17-1 Material: White Paneling Adhesives Location: Appearance: white, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 36 Cust. #: 17-2 Material: White Paneling Adhesives Location: Appearance: white, nonfibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Test Method, Polarized Light Microscopy (PLM)
 Project : 77 West Wood, Newaygo, MI
 Project # :14352S-1-194



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 Farmington, MI 48336

ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 37 Cust. #: 18-1 Material: Window Glazing Location: 1st/2nd Appearance: beige,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 38 Cust. #: 18-2 Material: Window Glazing Location: 1st/2nd Appearance: beige,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 39 Cust. #: 19-1 Material: Basement Concrete Pad Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Project : 77 West Wood, Newaygo, MI
Project # :14352S-1-194

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AKT Peerless
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Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 40 Cust. #: 19-2 Material: Basement Concrete Pad Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 41 Cust. #: 20-1 Material: Basement Concrete Foundation Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 42 Cust. #: 20-2 Material: Basement Concrete Foundation Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Robert T. Letarte Jr., Laboratory Director

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Test Method, Polarized Light Microscopy (PLM)



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Project # :14352S-1-194

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AKT Peerless
22725 Orchard Lake Rd.
Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 43 Cust. #: 21-1 Material: House Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%
Lab ID #: 84858 - 43a Cust. #: 21-1 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%
Lab ID #: 84858 - 43b Cust. #: 21-1 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Project # :14352S-1-194

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AKT Peerless
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Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 44 Cust. #: 21-2 Material: House Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%
Lab ID #: 84858 - 44a Cust. #: 21-2 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%
Lab ID #: 84858 - 44b Cust. #: 21-2 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Test Method, Polarized Light Microscopy (PLM)



Project : 77 West Wood, Newaygo, MI
Project # :14352S-1-194

Report To:

Mr. Heath Bobick
AKT Peerless
22725 Orchard Lake Rd.
Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 45 Cust. #: 22-1 Material: Garage/Shed Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%
Lab ID #: 84858 - 45a Cust. #: 22-1 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 46 Cust. #: 22-2 Material: Garage/Shed Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Fiberglass - 15% Other - 85%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 77 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 22725 Orchard Lake Rd.
 Farmington, MI 48336

ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 46a Cust. #: 22-2 Material: Roofing Location: Appearance: black, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 47 Cust. #: 23-1 Material: Paper Behind House Siding Location: Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%
Lab ID #: 84858 - 48 Cust. #: 23-2 Material: Paper Behind House Siding Location: Appearance: black, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 50% Other - 50%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 49 Cust. #: 24-1 Material: Duct Wrap Location: Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 60%	Cellulose - 20% Other - 20%
Lab ID #: 84858 - 50 Cust. #: 24-2 Material: Duct Wrap Location: Appearance: Layer: of	Asbestos Present: NOT ANALYZED	
Lab ID #: 84858 - 51 Cust. #: 25-1 Material: Stack Cement Location: Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Project : 77 West Wood, Newaygo, MI
 Project # :14352S-1-194



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 22725 Orchard Lake Rd.
 Farmington, MI 48336

ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 51a Cust. #: 25-1 Material: Stack Cement Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 52 Cust. #: 25-2 Material: Stack Cement Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 53 Cust. #: 26-1 Material: Garage Window Glazing Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Test Method, Polarized Light Microscopy (PLM)
 Project : 77 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 22725 Orchard Lake Rd.
 Farmington, MI 48336

ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 54 Cust. #: 26-2 Material: Garage Window Glazing Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84858 - 55 Cust. #: 27-1 Material: Flashing Location: Appearance: black,fibrous,homogenous Layer: 1 of 2	Asbestos Present: YES Chrysotile - 15%	Other - 85%
Lab ID #: 84858 - 55a Cust. #: 27-1 Material: Insulbrick Siding Location: Appearance: black,fibrous,nonhomogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Fiberglass - 30% Other - 70%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Project # :14352S-1-194

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AKT Peerless
22725 Orchard Lake Rd.
Farmington, MI 48336

ARI Report # 19-84858
Date Collected: 06/24/19
Date Received: 06/26/19
Date Analyzed: 07/02/19
Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 56 Cust. #: 27-2 Material: Insulbrick Siding Location: Appearance: black, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Fiberglass - 25% Other - 75%
Lab ID #: 84858 - 56a Cust. #: 27-2 Material: Bldg Caulk Location: Appearance: beige, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Wollastonite - <1% Other - >99%
Lab ID #: 84858 - 57 Cust. #: 28-1 Material: Fiberboard Siding Location: Behind Garage Siding Appearance: brown, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 85% Other - 15%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Project : 77 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

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 AKT Peerless
 22725 Orchard Lake Rd.
 Farmington, MI 48336

ARI Report # 19-84858
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/02/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84858 - 58 Cust. #: 28-2 Material: Fiberboard Siding Location: Behind Garage Siding Appearance: brown, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 85% Other - 15%
Lab ID #: 84858 - 59 Cust. #: 3-3 Material: Fiberboard Ceilings/Walls w/ Seam Mat. Location: Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 95% Other - 5%
Lab ID #: Cust. #: Material: Location: Appearance: Layer: of	Asbestos Present:	

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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APEX Research, Inc.

10000 Drive, Whitmore Lake, MI 48189. Phone: (734) 449 - 9990, Fax (734) 449 - 9991.
 Site: <http://apexresearch-inc.com>. Email: Robert.Letarte@apexresearchlab.com



Customer Name: AKT Peerless
 Address: 214 Janes Avenue
 City, St., Zip: Saginaw, MI 48607
 Phone: 989-754-9896 Fax: 989-754-3804

Date of Survey: 6-24-2019
 Project: 77 WEST WOOD, NEWAYGO, MI
 Project #: 14352S-1-194
 Contact Person: HEATH BOBICK
 Email: BOBICKH@aktpeerless.com

Lab Use Only
 Log-In: _____
 Report: _____
 Fax: _____
 Verbal: _____
 Email: _____

Turn Around Times:

5 Days

TTP YES

(Test Till Positive)

Asbestos: *4/5*

Lead: _____

Bulk X

Paint _____

Wipe _____ PCM _____

Wipe _____

***Terms and conditions on the other side.

Lab ID	Customer ID #	Material/Location	Results
1	1-1	GRAY AND TAN PATTERN LINOLEUM	
2	1-2	GRAY AND TAN PATTERN LINOLEUM	
	2-1	2X2 WHITE CEILING TILES W/PINHOLES	
	2-2	2X2 WHITE CEILING TILES W/PINHOLES	
	3-1	FIBERBOARD CEILINGS AND WALLS W/SEAM MATERIALS	
	3-2	FIBERBOARD CEILINGS AND WALLS W/SEAM MATERIALS	
	4-1	FIBERGLASS ROLLED INSULATION W/BLACK BACKING	
	4-2	FIBERGLASS ROLLED INSULATION W/BLACK BACKING	
	5-1	WHITE PATTERN LINOLEUM W/LAYER AND SKIM COATING	
	5-2	WHITE PATTERN LINOLEUM W/LAYER AND SKIM COATING	
	6-1	12X12 WHITE CEILING TILES	
	6-2	12X12 WHITE CEILING TILES	
	7-1	BROWN PATTERN LINOLEUM	
	8-1	12X12 WHITE CEILING TILES W/WAVE PATTERN	
	8-2	12X12 WHITE CEILING TILES W/WAVE PATTERN	
	9-1	TEXTURE CEILING MATERIALS W/12" CEILING TILE LAYER	
	9-2	TEXTURE CEILING MATERIALS W/12" CEILING TILE LAYER	
	9-3	TEXTURE CEILING MATERIALS W/12" CEILING TILE LAYER	
	10-1	BLACK PANELING ADHESIVES	
	10-2	BLACK PANELING ADHESIVES	
	11-1	2X4 WHITE CEILING TILES W/FISSURES	
	11-2	2X4 WHITE CEILING TILES W/FISSURES	
	12-1	PLASTER WALLS AND CEILINGS	
	12-2	PLASTER WALLS AND CEILINGS	
	12-3	PLASTER WALLS AND CEILINGS	
	13-1	DRYWALL AND JOINT COMPOUND	
	13-2	DRYWALL AND JOINT COMPOUND	
	13-3	DRYWALL AND JOINT COMPOUND	
	14-1	12" PATTERN CEILING TILES W/ADHESIVES	
	14-2	12" PATTERN CEILING TILES W/ADHESIVES	
	15-1	GREEN PATTERN FLOORING W/LAYER	
	15-2	GREEN PATTERN FLOORING W/LAYER	
	16-1	CREAM PATTERN FLOORING	
	16-2	CREAM PATTERN FLOORING	
	17-1	WHITE PANELING ADHESIVES	
	17-2	WHITE PANELING ADHESIVES	

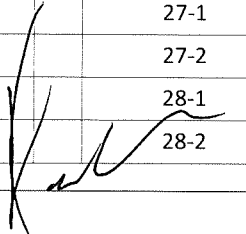
REC'D

JUN 27 2019
 APEX RESEARCH

84858

18-1	WINDOW GLAZING 1ST/2ND
18-2	WINDOW GLAZING 1ST/2ND
19-1	BSMT CONCRETE PAD
19-2	BSMT CONCRETE PAD
20-1	BSMT CONCRETE FOUNDATION
20-2	BSMT CONCRETE FOUNDATION
21-1	HOUSE ROOFING MATERIALS
21-2	HOUSE ROOFING MATERIALS
22-1	GARAGE AND SHED ROOFING MATERIALS
22-2	GARAGE AND SHED ROOFING MATERIALS
23-1	PAPER BEHIND HOUSE SIDING
23-2	PAPER BEHIND HOUSE SIDING
24-1	DUCT WRAP
24-2	DUCT WRAP
25-1	STACK CEMENT
25-2	STACK CEMENT
26-1	GARAGE WINDOW GLAZING
26-2	GARAGE WINDOW GLAZING
27-1	INSULBRICK SIDING WITH BLDG CAULK
27-2	INSULBRICK SIDING WITH BLDG CAULK
28-1	FIBERBOARD SIDING BEHIND GARAGE SIDING
28-2	FIBERBOARD SIDING BEHIND GARAGE SIDING

Relinquished By: _____
Date: 6-24-2019
Revision Date: June/2011



Received By: _____
Date: _____

RECEIVED
1000
JUN 26 2019
APEX RESEARCH

Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 95 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 214 Janes Ave.
 Saginaw, MI 48607

ARI Report # 19-84861
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 01 Cust. #: 1-1 Material: Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 20% Other - 80%
Lab ID #: 84861 - 01a Cust. #: 1-1 Material: Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 20% Other - 80%
Lab ID #: 84861 - 01b Cust. #: 1-1 Material: Tar Paper Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 35% Other - 65%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples tested and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. APEX Research Inc. is not responsible for the accuracy of the results for layered samples or samples comprising multiple materials. Liability limited to cost of analysis.



Certificate of Laboratory Analysis
Test Method, Polarized Light Microscopy (PLM)
 Project : 95 West Wood, Newaygo, MI
 Project # :14352S-1-194



Report To:

Mr. Heath Bobick
 AKT Peerless
 214 Janes Ave.
 Saginaw, MI 48607

ARI Report # 19-84861
 Date Collected: 06/24/19
 Date Received: 06/26/19
 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 02 Cust. #: 1-2 Material: Roofing Materials Location: Appearance: black, fibrous, homogenous Layer: 1 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 20% Other - 80%
Lab ID #: 84861 - 02a Cust. #: 1-2 Material: Shingle Location: Appearance: black, fibrous, homogenous Layer: 2 of 3	Asbestos Present: NO No Asbestos Observed	Fiberglass - 20% Other - 80%
Lab ID #: 84861 - 02b Cust. #: 1-2 Material: Tar Paper Location: Appearance: black, fibrous, homogenous Layer: 3 of 3	Asbestos Present: NO No Asbestos Observed	Cellulose - 35% Other - 65%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 03 Cust. #: 2-1 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84861 - 03a Cust. #: 2-1 Material: Joint Compound Location: Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 04 Cust. #: 2-2 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 04a Cust. #: 2-2 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 05 Cust. #: 2-3 Material: Drywall Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84861 - 05a Cust. #: 2-3 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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 Date Analyzed: 07/02/19
 Date Reported: 07/03/19

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 06 Cust. #: 2-4 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 84861 - 06a Cust. #: 2-4 Material: Joint Compound Location: Appearance: white, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 07 Cust. #: 2-5 Material: Drywall Location: Appearance: white, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 15% Fiberglass - 5% Other - 80%

For Layered Samples, each component will be analyzed and reported separately.

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Test Method, Polarized Light Microscopy (PLM)



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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 07a Cust. #: 2-5 Material: Joint Compound Location: Appearance: white,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 08 Cust. #: 3-1 Material: Exterior Building Caulks Location: Seams/Frames Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 09 Cust. #: 3-2 Material: Exterior Building Caulks Location: Seams/Frames Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 10 Cust. #: 4-1 Material: Texture Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 11 Cust. #: 4-2 Material: Texture Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 12 Cust. #: 4-3 Material: Texture Ceiling Materials Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 13 Cust. #: 5-1 Material: Discolored Linoleum Location: Appearance: beige, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%
Lab ID #: 84861 - 13a Cust. #: 5-1 Material: Adhesive Location: Appearance: yellow, nonfibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 14 Cust. #: 5-2 Material: Discolored Linoleum Location: Appearance: beige, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 10% Other - 70%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 14a Cust. #: 5-2 Material: Adhesive Location: Appearance: yellow,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 15 Cust. #: 6-1 Material: Concrete Pad Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 16 Cust. #: 6-2 Material: Concrete Pad Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 84861 - 17 Cust. #: 7-1 Material: Tan Stud Adhesives Location: Appearance: yellow,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 84861 - 18 Cust. #: 7-2 Material: Tan Stud Adhesives Location: Appearance: yellow,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: Cust. #: Material: Location: Appearance: Layer: of	Asbestos Present:	

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ATTACHMENT D

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Conducted by Lakeshore Environmental Inc.

Date: 1/6/16

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property location:

95 West Wood Street
Newaygo, Newaygo County, Michigan
(Parcel Number 62-18-24-241-006)

Prepared for:

City of Newaygo
28 N. State Road
Newaygo, Michigan 49337

January 6, 2016

Lakeshore No. 15-3182-01

Corporate Office

803 Verhoeks Street
Grand Haven, Michigan 49417
Phone: 800.844.5050
www.LakeshoreEnvironmental.com

Grand Haven, MI

Grand Rapids, MI



Vestaburg, MI

Muskegon, MI

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1.0 EXECUTIVE SUMMARY

On behalf of City of Newaygo, User of this document (the User), Lakeshore Environmental, Inc. (LEI) completed a Phase I Environmental Site Assessment (ESA) of the commercial property located at 95 West Wood Street, Newaygo, Newaygo County, Michigan (the Site). The Phase I ESA was completed in accordance with the scope and limitations set forth in the ASTM International (ASTM) Practice E1527-13. Any exceptions to, or deletions from this practice are described in Section 2.4 of this report.

The purpose of this Phase I ESA was to evaluate the historical land use on and in the vicinity of the Site for the purpose of determining the absence/presence of recognized environmental conditions (RECs) in connection with the Site. By performing this Phase I ESA prior to potential acquisition of the Site, the User may satisfy one of the requirements to qualify for liability protection under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

1.1 Recognized Environmental Conditions

A REC is defined by ASTM E1527-13 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*.”

- This assessment has revealed no evidence of RECs in connection with the Site.

1.2 Controlled Recognized Environmental Conditions

A controlled recognized environmental condition (CREC) is “a *recognized environmental condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions*, *activity and use limitations*, *institutional controls*, or *engineering controls*).”

- CRECs were not identified.

1.3 Historical Recognized Environmental Conditions

A historical recognized environmental condition (HREC) is “a past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *property*

to any required controls (for example, *property use restrictions, activity and use limitations, institutional controls, or engineering controls*).

- HRECs were not identified.

1.4 Identified Data Gaps

Under the ASTM/AAI standards, if *data gaps* are identified during the ESA process, the Environmental Professional (EP) must comment on their significance and whether such gaps affect the overall findings. Data gaps are “a lack of or inability to obtain information required by this practice despite *good faith* efforts by the EP to gather such information.” A *data gap* is only significant if other information and/or professional experience raises reasonable concerns involving the *data gap*.

- Significant data gaps were not identified.

1.5 Recommendations

Based on the results of this investigation, LEI offers the following recommendation:

- No further investigation appears warranted.

2.0 INTRODUCTION

LEI was retained by City of Newaygo, the User, to conduct a Phase I ESA of the Site. Sources utilized during this Phase I ESA are referenced in Section 11.0 and other appropriate sections within this report.

2.1 Purpose

The objective of this Phase I ESA was to conduct “all appropriate inquiries” into the prior ownership and use of the Site for the purpose of identifying releases and threatened releases of hazardous substances and petroleum products on, at, in or to the Site (hereafter termed RECs), which enables the User to satisfy one of the requirements to qualify for liability protection under the CERCLA.

2.2 Detailed Scope of Work

The scope of services for this Phase I ESA is consistent with good commercial and customary practices in the field of environmental consulting and in conformance with the requirements of ASTM Standard E1527-13; *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (EPA) and 40 Code of Federal Regulations Part 312. This standard satisfies the statutory requirements for all appropriate inquiries under Section 101(35) (B) of the CERCLA.

This Phase I ESA served to identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products at, in, on, or under the Site through gathering information regarding: (1) current and past Site uses and occupancies; (2) current and past uses of hazardous substances and petroleum products; (3) waste management and disposal activities; (4) current and past corrective actions and response activities at the Site; (5) engineering controls at the Site; (6) institutional controls at the Site; and (7) properties adjoining or located nearby the Site. Tasks performed during this Phase I ESA included the following:

- Visual inspections of the Site and adjoining properties
- A review of historical sources of information
- A review of federal, state, tribal, and local government records
- Interviews with past and present owners, operators, and occupants
- Retrieval of commonly known or reasonably ascertainable information about the Site
- A lien search
- Preparation of this report.

LEI did not address items outside of the typical scope of the Phase I ESA (e.g., sampling, complete a wetland delineation, etc.) except as discussed in Section 2.6.

2.3 Significant Assumptions

Significant assumptions taken into consideration during the preparation of this Phase I ESA include:

- Information provided by interviewees (i.e., Site owner and manager, occupants, etc.) is reliable, complete to the best extent of their knowledge, and disclosed in good faith.
- Records or information provided by client, attorney, units of government, and other reliable sources are accurate and complete to the best extent of their knowledge.

Notwithstanding the foregoing assumptions, LEI had no reason to believe the information received from these sources was inaccurate or incomplete.

2.4 Limitations and Exceptions

LEI does not guarantee that unidentified environmental concerns do not exist, or that the Site conditions will not change with time. Documented references written in the present tenses shall be considered to be “at the time of this ESA” or “at the time of the Site inspection.”

LEI recommends that the User consult with an environmental attorney for guidance on all legal issues relating to the project and the interpretation of environmental laws.

2.5 Special Terms and Conditions

The report format was completed in accordance with the guidelines established under ASTM Standard E1527-13.

2.6 Deviations

This Phase I ESA was completed in conformance with ASTM Standard E1527-13. No deviations from the typical scope of services for a Phase I ESA were necessary.

2.7 Reliance

The information obtained and compiled by LEI in this report is confidential and intended for the sole use of City of Newaygo. Reliance on the information and conclusions in this report by any other person or entity is not authorized without the written consent of City of Newaygo and LEI.

2.8 Definitions and Acronyms

A list of definitions and acronyms pertinent to the AAI/ASTM ESA process are provided in Appendix 14.1.

3.0 SITE DESCRIPTION

The following subsections are a compilation of information obtained from the Site inspection, interviews with knowledgeable individuals, and/or documents and records pertaining to the Site property and/or operations. Additional descriptions regarding Site conditions are provided in Section 6.0, Site Inspection. A Site Location Map is provided as Figure 1, a Site Features Map as Figure 2 of Appendix 14.2.

3.1 Location and Legal Description

Address	95 West Wood Street
City/Township/Village	Newaygo
County	Newaygo County
State	Michigan
Section	24
Town	T 12 N
Range	R 13 W
Parcel #(s)	62-18-24-241-006
Location	West side of West Wood Street 250 feet south of East Wood Street
Approximate Acreage	.31
Survey	See Appendix 14.2
Legal Description	See Appendix 14.3

3.2 Site Vicinity Characteristics

The Site is located in a mixed-use area consisting of residential, commercial and industrial development. See Section 6.12 for more detailed information.

3.3 Current Uses of Site

Current Zoning	Commercial
Current Site Operations	The Site is developed with a commercial building that is currently vacant. The Site was most recently occupied by a used book store.

3.4 Description of Structures, Roads, Other Site Improvements

Structures

Structure	Commercial Building
Use/Operations	Vacant
Approximate Size	1,536 square feet
Floors/Stories	One-story
Construction Date	1987
Materials	Pole building with wood siding and a concrete slab-on grade foundation

The building has an entryway that leads to the main sales room. The building is also comprised of several storage rooms, a restroom and an office space.

Roads/Parking/Vegetative areas

The southeast side of the Site is asphalt paved and used for parking. The balance is covered by maintained grass and scattered trees. West Wood Street provides access to the Site from the southeast.

Utilities

Electricity	Consumers Energy
Natural Gas	DTE energy
HVAC	Forced air furnace is located within a closet in a room on the north side of the building; and air-conditioning unit is located on the east side of the building exterior.
Fuel Oil	Not observed
Propane	Not observed
Water	Municipal
Sanitary	Municipal

3.5 Physical Setting Source(s)

To evaluate the physical setting of the Site, LEI obtained information from the following:

Newaygo, MI USGS 7.5-minute Topographic Map dated 2014 and Environmental Data Resources, Inc. (EDR) Radius Map Report with Geocheck, Physical Setting Source Map Findings Report (Appendix 14.5)	
Contour/USGS Elevation:	The ground elevation of the Site is approximately 678 feet above mean sea level. The Site and area slopes to the northwest. The northwest boundary of the Site is situated along a bluff that has a steep downward slope toward the northwest.
Bodies of Water On Site:	None observed
Nearest Surface Water:	The Muskegon River is located approximately 550 feet north of the Site.
Wetlands:	State and National wetlands were not identified on the Site.
Flood Zones	100 year or 500 year flooding zones were not identified for the Site.
Estimated Groundwater Flow Direction at the Site and Site area:	Shallow groundwater in the vicinity of the Site likely flows to the northwest toward the Muskegon River. However, subsurface utilities, underground structures, local groundwater pumping, and seasonal fluctuations in precipitation may influence groundwater flow direction.

USDA Soil Resource Conservation Service (SCS) National Cooperative Soil Survey (NCSS) data obtained from the EDR Geocheck, Physical Setting Source Map Findings Report (Appendix 14.5)	
Soil Classification Map:	Toogood: loamy sand with high infiltration rates; deep, well drained to excessively drained sands and gravels.

Quaternary Geology Map of Michigan dated 1998, Michigan Department of Natural Resources (MDNR)	
MDNR Quaternary Geology:	Glacial outwash sand and gravel and postglacial alluvium

Oil and Gas Well Information obtained from EDR Geocheck, Physical Setting Source Map Findings Report	
Oil/Gas Well Records:	The EDR Geocheck did not identify any oil/gas wells on site.

4.0 USER PROVIDED INFORMATION

Jon Schneider of City of Newaygo, User representative, was contacted for purposes of obtaining information relative to the following subsections. Information provided by Jon Schneider is summarized in the following subsections. A questionnaire completed by Jon Schneider is provided in Appendix 14.4.

4.1 Title Records

The User provided a title commitment document prepared by First American Title Insurance Company and dated November 23, 2015. LEI performed a cursory review of this document, in particular Schedule A and Schedule B, relative to applicable Site information including records related to environmental liens or activity and use limitations (AULs). *Note that LEI is not a title company, and therefore, LEI's review of any title records is considered cursory and limited. All title documents should be reviewed by a professional title company for a more accurate evaluation and interpretation.*

The commitment document is included in Appendix 14.3 and the pertinent information is provided in the following table.

Property Record	Comment
Current Title Holder/date recorded	Glenda K. Middleton, Trustee of the Glenda K. Middleton Trust
Leases	Leases were not identified.
Environmental Liens	Environmental Liens were not identified.
Institutional/Engineering Controls	Institutional/engineering controls were not identified.

Research for environmental liens was also performed by LEI as part of this assessment. Based on a review of the regulatory database report prepared by Environmental Data Resources, Inc. (EDR) and included in Appendix 14.5, the Site is not listed on the following federal lists maintained by the EPA:

- CERCLA Superfund lien list
- National Priorities List (NPL) Superfund lien list

LEI reviewed the Michigan Department of Environmental Quality (MDEQ) Part 201 Remediation and Redevelopment Division (RRD) Perfected Lien List for the State of Michigan. No environmental liens were identified relative to the Site.

Furthermore, interviews with the User and owner representative did not identify environmental liens associated with the Site.

4.2 Activity and Use Limitations

Site activity or use limitations were not identified by the User or the owner representative.

Research for AULs was performed by LEI as part of this assessment. Based on a review of the regulatory database report prepared by EDR and included in Appendix 14.5, the Site is not listed on the following federal lists maintained by the Environmental Protection Agency (EPA):

- United States (US) Engineering Control Sites List
- US Institutional Control List

4.3 Specialized Knowledge

The User had no specialized knowledge or additional information that would identify conditions indicative of releases or threatened releases of hazardous substances to the Site.

4.4 Commonly Known or Reasonably Ascertainable Information

The User was not aware of commonly known or reasonably ascertainable information about the Site that would identify conditions indicative of releases or threatened releases of hazardous substances to the Site.

4.5 Valuation Reduction for Environmental Issues

The User was unaware of any environmental concerns on the Site that would negatively impact the fair market value of the Site.

4.6 Reason for Performing Phase I ESA

Conducting this Phase I ESA enables the User to satisfy one of the requirements to qualify for liability protection under the CERCLA.

5.0 RECORDS REVIEW

Detailed information relative to the various records reviewed regarding the Site is provided in the following sections.

5.1 Standard Environmental Record Sources

LEI utilized the services of EDR, a third-party vendor, to search available standard environmental records for listings relevant to the Site and adjoining and nearby properties pursuant to ASTM E1527-13 standards. The following sections provide a summary of the database information related to the Site and nearby properties that have the highest potential to impact the Site. Based on geologic/hydrogeologic conditions and/or regulatory status, LEI determined that the remaining listings (including Orphan listings) are considered unlikely to impact the Site. The complete list of databases (and associated acronyms) reviewed by EDR, in addition to a summary of their results, are provided in EDR's report in Appendix 14.5.

Site

The Site was not listed in EDR's database report.

Nearby Sites

LEI identified the following adjoining/nearby listed properties that have a potential to impact the Site:

Facility Name:	Newaygo Fire Department		
Address:	29 State Road, Newaygo, MI		
Distance (ft) / Direction:	390 feet southeast		
Gradient:	Up-gradient		
UST:	ID #00014969; facility listed as closed	Status	(1) 500-gallon gasoline UST removed from ground (7/20/1995); no release reported
Comments:	Based on the regulatory status (UST was removed and no release was reported), no REC was identified.		

Facility Name:	HEB Development II LLC		
Address:	15 W State Street, Newaygo, MI		
Distance (ft) / Direction:	413 feet southeast		
Gradient:	Up-gradient		
RCRA:	Conditionally Exempt Small quantity Generator (CESQG)	Status	No violations found
Comments:	Based on the regulatory status, gradient and limited RCRA activity, there is no evidence of a REC in connection with the Site.		

Facility Name:	Newaygo EZ Mart		
Address:	68 State Road, Newaygo, MI		
Distance (ft) / Direction:	426 feet southeast		
Gradient:	Up-gradient		
UST:	ID #00034228; facility listed as active	Status	(2) USTs were removed in 1986; (3) gasoline USTs currently in use; no release reported
Comments:	Based on the regulatory status (no release was reported), no REC was identified.		

Submitter Name:	City of Newaygo- Tax Increment		
Facility Address:	1 West State Road (M-37)		
BEA #:	2012002710GR		
Distance (ft) / Direction:	426 feet southeast		
Gradient:	Up-gradient		
Date Received by the MDEQ:	04/23/2010		
Comments:	Based upon distance, and that fact that the owner did not have notice of groundwater migration, no REC was identified.		

5.2 Previous Environmental Reports

Previous environmental reports were not obtained by or provided to LEI during the course of this Phase I ESA.

5.3 Additional Environmental Record Sources

To supplement the standard environmental record review, LEI evaluated additional environmental record sources relating to the Site and off-Site properties (if applicable). Information was obtained from these sources in person, via telephone or facsimile, on the internet, or through Freedom of Information Act (FOIA) requests, and is summarized in the following paragraphs. Copies of pertinent documents are provided in Appendix 14.5.

City of Newaygo Assessing

The assessing records included descriptions of the Site improvements which are discussed in Section 3.0.

City of Newaygo Building Department

LEI reviewed the building department files and did not identify records associated with spills, releases, USTs, dumping or other environmental conditions of concern. The file documents confirmed the ownership of the Site by Francis Middleton in 1997 and that the current building was initially constructed for use as a music store. The files included a letter documenting the connection of the Site to the municipal water and sewer by November 8, 1997. The file documents also identified the Site as a book store in 2014.

Newaygo Fire Department

Records of USTs, spills, releases or dumping for the Site were requested. Since a response was not received within a reasonable time frame (20 calendar days), in accordance with the ASTM Standard, the requested information is not “reasonably ascertainable.”

Newaygo County Environmental Health Department

The health department did not have records of landfills/dumping, septic systems, wells, permits, spills, releases, complaints or violations for the Site.

MDEQ

LEI submitted a FOIA request for any files associated with the Site to the MDEQ Remediation and Redevelopment Division (RRD) and Resource Management (RMD). The MDEQ responded stating that, to the best of their knowledge, there are no records on file for the Site.

Michigan Department of Licensing and Regulatory Affairs (LARA)

LEI submitted a FOIA request to LARA for any UST records associated with the Site. There were no UST records concerning the Site on file with LARA.

5.4 Historical Use Information on the Site and Nearby/Adjoining Properties

Multiple historical sources were reviewed to gain an understanding of the Site history, including standard ASTM E1527-13 historical sources. In accordance with the standard, those sources that were both easily attainable and available within project constraints, and/or that were judged likely to be useful for the purposes of this study, are listed in the following table. Copies of documents are provided in Appendix 14.6 and other appropriate Appendices.

REVIEWED STANDARD HISTORICAL SOURCES			
Historical Document	Reasonably Ascertainable/ Available	Source/dates	Comments
Aerial Photographs	Yes	EDR (1938-2012) Google Earth Maps 2013	Limited in usefulness due to scale/resolution.
Fire Insurance Maps	No	EDR	No map coverage for area of the Site.
Property Tax Files	Yes	Newaygo City Assessing Records	Section 5.3
Recorded Land Title Records	Yes	First American Title Insurance Company (November 23, 2015)	Section 4.1
Topographic Maps	Yes	1958,1985,2014	
Local Street Directories	Yes	EDR (1992-2013)	
Regulatory Records	Yes	EDR	Section 5.1
Interviews	Yes	Various	Section 7.0
Other Historical Data	No	None	Section 5.2

Based on a review of available sources/records, historical uses of the Site are identified in the following table:

Year(s)	Site Use
1886-1892	Sanborn maps show the Site as vacant.
1899-1992	A dwelling and several out-buildings were present on the Site. Based on the poor quality of the aerial photographs, it was difficult to determine the exact timeframe the residential buildings were present between the years 1938 through 1992.
1997-2013	The Site is developed with the current commercial building and paved parking area. The Site was occupied by a music store during most of this time frame.
2014	The Site is occupied by a bookstore.
2015	The Site is vacant.

5.4.1 Past Use of the Site

Based on a review of the above references, the historical ownership, use and operations at the Site revealed the following:

- The Site was developed during a time frame when heating oil, commonly stored in a UST, was widely used as a source of comfort heating. It is therefore possible that USTs used to store heating oil were utilized on-Site at one time, and may have been abandoned following demolition of the buildings. However, records confirming the presence of USTs were not identified during the course of this investigation, and visual evidence of USTs was not observed during the walk-over. In addition, the Site owner and User did not have knowledge of any former or current USTs at the Site.
- Based on a review of the above references, the historical use and operations at the Site do not represent a REC.

5.4.2 Past Use of the Surrounding Properties

Historical information associated with surrounding properties is summarized below:

Adjoining Property to North
A railroad right-of-way and track adjoins the northern property line from 1886 through the present. The adjoining property to the north of the railroad track was used as a lumber yard and mill from 1886 through 1892. From 1904 through approximately 1972 the property is occupied by a cement plant (Newaygo Portland Cement Company). The use of the property appeared to change by 1981 to a grain elevator operation. The grain elevator operation is currently present on the property.
Adjoining Property to South
The adjoining property to the south was undeveloped in 1886. A dwelling is present immediately south of the Site from 1892 through 1930. It could not be determined if the residence was present past 1930. From 1911 through present day, the south adjoining properties was predominantly occupied by commercial developments. A small park and a post office are currently present immediately to the south and southwest of the Site.
Adjoining Property to East
The adjoining property to the east is occupied by a residence from 1886 through the present.

Adjoining Property to West

The property to the west was undeveloped from 1886 through 1892. A small shed was located on the property from 1899 through 1911. The property was developed with a commercial building labeled as Gleaner Clearing House Association in 1921 and labeled as vacant in 1930. The use since that time could not be determined. However, no evidence of an environmental concern was noted from the regulatory review in Section 5.1 with regard to this property. It was vacant on the day of the Site visit and appeared to have been recently used as a residence.

The reviewed historical information related to the adjoining properties indicates the following:

- The north adjacent property was occupied by a cement company dating as far back at 1904. No evidence of an environmental concern was noted from a review of the regulatory database (Section 5.1) or observations made during the Site visit (Section 6.12). Additionally, the property is located down-gradient from the Site. Therefore, no REC was identified.

6.0 SITE INSPECTION

Ms. Margie Lathrop and Mr. Andrew DeLodder of LEI conducted a visual evaluation of the Site on December 29, 2015. The purpose of the Site inspection was to observe the Site for conditions that imply potential environmental impact. Such conditions might include, but are not limited to the following: signs of stressed vegetation, stained soil, uncontrolled dumping, the presence of storage tanks, or indications of a release of hazardous wastes and/or regulated substance(s). The Site inspection included observations of adjoining properties from the Site or surrounding roads. Ms. Lathrop and Mr. DeLodder were accompanied by Ms. Glenda Middleton, Site owner. Photographic documentation of LEI's Site inspection is provided in Appendix 14.7.

6.1 Limiting Conditions Regarding Methodology

The following limiting conditions interfered with the performance of Site reconnaissance activities:

- Observations of the ground surface were limited due to snow cover. Based on the available information that was obtained from the regulatory and historical review, in addition to information provided by Ms. Middleton, no significant data gap was identified relative to the snow cover.

6.2 Chemical and Material Use and Storage

Chemical use or storage was not observed.

6.3 Special or Hazardous Wastes

Special or hazardous waste was not observed.

6.4 Solid Waste Disposal

Solid waste is not currently being generated at the Site.

6.5 Wastewater

Wastewater is not generated at the Site.

6.6 Stormwater

Stormwater runoff from the parking lot on the Site flows generally to the west in the direction of the Muskegon River. A partially buried drain was evident on the northeast side of the Site building. The drain conveys stormwater from the area around the building to the northwest toward the edge of the Site property. The stormwater drains over the edge of the bank of the Site and onto the railroad right-of-way. No environmental concerns were identified.

6.7 Surface Water

Pits, ponds or lagoons were not observed.

6.8 Drains or Sumps

Drains or sumps were not observed.

6.9 Underground and Aboveground Storage Tanks (USTs & ASTs)

Evidence of USTs or ASTs was not observed. The Site personnel did not have knowledge of any former or existing USTs or ASTs. In addition, UST or AST records were not found during the regulatory review (see Section 5.0).

6.10 Polychlorinated Biphenyls (PCBs)

Equipment that could potentially contain PCBs was not observed.

6.11 Other Conditions of Concern

LEI observed several large pieces of broken concrete and a concrete circular object (that may be associated with a former drain) along the western edge of the property. No evidence of an environmental concern was identified associated with the concrete.

6.12 Adjoining Properties

Section 5.4 provides information relative to the historical use of land surrounding the Site. Observations of the adjoining properties were made from the Site and from public thoroughfares. The following operations/property uses were observed on the adjoining properties:

Northwest	Railroad right-of-way/railroad tracks followed by a grain elevator operation
Northeast	Residential
Southeast	Commercial
Southwest	Vacant

LEI did not observe evidence of RECs relative to the Site on any of these properties.

7.0 INTERVIEWS

LEI interviewed persons knowledgeable about the Site to obtain information pertaining to the historical land-use on the Site and adjoining/nearby properties.

7.1 Individuals Interviewed

Relevant information obtained from the following individuals is included in Appendix 14.4 and/or has been documented in appropriate portions of this report.

Title	Name	Company	Documented Information
The User	Jon Schneider	City of Newaygo	Questionnaire – Appendix 14.4
Current Owner Representative	Glenda Middleton		Report and Questionnaire – Appendix 14.4
Past Occupant / Owner	Contact information not provided		

8.0 ADDITIONAL SERVICES

Non-scope items beyond the typical Phase I ESA scope of work were not addressed.

9.0 FINDINGS, OPINIONS & CONCLUSIONS

LEI's evaluation of all identified environmental concerns regarding the Site is summarized in this section. The following provides a summary of the results of this investigation.

9.1 Recognized Environmental Conditions

- This assessment has revealed no evidence of RECs in connection with the Site.

9.2 Controlled Recognized Environmental Conditions

- CREC(s) were not identified.

9.3 Historic Recognized Environmental Conditions

- HREC(s) were not identified.

9.4 Identified Data Gaps

- Significant data gaps were not identified.

10.0 RECOMMENDATIONS

Based on the results of this investigation, LEI offers the following recommendation:

- No further investigation appears warranted at this time.

11.0 REFERENCES

The following published documents are referenced in relationship to the execution of this ESA:

ASTM Standards:

E1527-13 Standard Practice Environmental Site Assessments: Phase I Environmental Site Assessment Process

Federal Statutes:

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfields Amendments"), 42 U.S.C. §§9601 et seq.

Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048

Resource Conservation and Recovery Act (sometimes also referred to as the Solid Waste Disposal Act), as amended ("RCRA"), 42 U.S.C §6901 et seq.

USEPA Documents:

"All Appropriate Inquiries" Final Rule, 40 C.F.R. Part 312 Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399.

Additional documents reviewed as part of this assessment are identified in the appropriate sections of this report.

12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This Phase I ESA was completed by Ms. Margie Lathrop and Mr. Andrew DeLodder. Their qualifications are attached in Appendix 14.8 and summarized in Section 13.0.

This Phase I Environmental Site Assessment report has been prepared by LEI, on behalf of City of Newaygo (the User), in conformance with the scope and limitations of ASTM *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Standard E1527-3)* and the U.S. EPA November 1, 2005 *Standards and Practices for All Appropriate Inquiries; Final Rule (40 CFR Part 312)*, unless otherwise noted herein.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional (EP) as defined in the All Appropriate Inquiries Rule (40 CFR 312.10).

We have the required 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.



Andrew DeLodder
Environmental Scientist

January 6, 2016

Date



Margie Lathrop, EP
Senior Project Manager

January 6, 2016

Date

13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Ms. Lathrop has over 30 years of experience in the environmental consulting industry. She has successfully completed hundreds of environmental projects related to real estate transactions, foreclosures, and refinancing; Brownfield redevelopment; hydrogeological investigations; feasibility studies; remedial action plans; closure reports; UST assessment/closure; LUST evaluations/reporting/closures; and asbestos and lead surveys.

Mr. DeLodder has been working in the environmental/natural resources industry for 2 years. He is certified in the ASTM Standard E1527, Standard Practice for performing Phase I ESAs, ASTM E2600, Standard Guide for Vapor Encroachment Screening, and ASTM 2790, Standard Guide for Identifying and Complying with Continuing Obligations. He is experienced in UST compliance inspections and tightness testing for UST systems.

14.0 APPENDICES

APPENDIX 14.1

DEFINITIONS & ACRONYMS

TABLE 1

Definitions, Descriptions of Terms, and List of Acronyms

Taken in part from ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. All Appendices references are to ASTM E1527-13.

abandoned property—*property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the *property*.

activity and use limitations—legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or ground water on the *property*.

actual knowledge—the knowledge actually possessed by an individual who is a real person, rather than an entity. *Actual knowledge* is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

adjoining properties—any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other public thoroughfare separating them.

aerial photographs—photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. *Aerial photographs* are often available from government agencies or private collections unique to a local area. See 8.3.4.1 of this practice.

all appropriate inquiries—that inquiry constituting *all appropriate inquiries* into the previous ownership and uses of the *property* consistent with good commercial and customary practice as defined in CERCLA, 42 U.S.C. §9601(35)(B), that will qualify a party to a *commercial real estate transaction* for one of the threshold criteria for satisfying the *LLPs* to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See Appendix XI.

approximate minimum search distance—the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

Asbestos Containing Material (ACM)—Regulatory agencies define ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependant upon its type and quantity. Homogenous

materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM becomes damaged or is likely to be disturbed or damaged during demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.

Above Ground Storage Tanks (AST)—ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.

Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)—BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.

bona fide prospective purchaser liability protection—(42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from *all appropriate inquiries* would not generally preclude this liability protection. A person must make *all appropriate inquiries* on or before the date of purchase. The facility must have been purchased after January 11, 2002. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

Brownfields Amendments—amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et seq.*

building department records—those records of the local government in which the *property* is located indicating permission of the local government to contract, alter, or demolish improvements on the *property*. Often *building de-*

partment records are located in the building department of a municipality or county. See 8.3.4.7.

business environmental risk—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 business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

commercial real estate—any real *property* except a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use (except that a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use is included in this term when it has a commercial function, as in the building of such *dwellings* for profit). This term includes but is not limited to undeveloped real *property* and real *property* used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; *property* used for residential purposes that has more than four residential *dwelling* units; and *property* with no more than four *dwelling* units for residential use when it has a commercial function, as in the building of such *dwellings* for profit.

commercial real estate transaction—a transfer of title to or possession of real *property* or receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* or the receipt of a security interest in real *property* with respect to an individual *dwelling* or building containing fewer than five *dwelling* units, nor does it include the purchase of a lot or lots to construct a *dwelling* for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing *dwelling* units.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)—(a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentiality responsible parties for cleanup-related costs.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)—the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous* substance contamination for possible inclusion on the *National Priorities List*.

construction debris—concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to *property*.

contaminated public wells—public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

contiguous property owner liability protection—(42 U.S.C. §9607(q))—a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous* substances from other real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate inquiries*

at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a release or threatened release from the contiguous *property*. The *all appropriate inquiries* must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the *contiguous property owner liability protection*. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

Controlled recognized environmental condition—a *recognized environmental condition* resulting from a past release of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*). A condition considered by the *environmental professional* to be a *controlled recognized environmental condition* shall be listed in the findings section of the *Phase I Environmental Site Assessment report*, and as a *recognized environmental condition* in the conclusions section of the *Phase I Environmental Site Assessment report*.

CORRACTS list—a list maintained by EPA of *hazardous* waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous* waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

data failure—a failure to achieve the historical re-search objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in 8.3.4.1 through 8.3.4.8 that are reasonably *ascertainable* and likely to be useful. *Data failure* is one type of *data gap*. See 8.3.2.3.

data gap—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.). See 12.7.

de minimis condition— a condition that generally does not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *recognized environmental conditions* nor *controlled recognized environmental conditions*.

demolition debris—concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to *property*.

drum—a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous* substances or *petroleum products*.

dry wells—underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. *Dry wells* are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

due diligence—the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of *due diligence* vary for different properties and differing purposes. See Appendix XI.

dwelling—structure or portion thereof used for residential habitation.

engineering controls (EC)—physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*. Engineering controls are a type of activity and use limitation (AUL).

environment—environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. §9601(8). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 "Releases and Threatened Release.

environmental compliance audit—the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental *compliance audit* may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

environmental lien—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 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

environmental professional—a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See Appendix X2. The person may be an independent contractor or an employee of the user.

environmental site assessment (ESA)—the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to recognized *environmental conditions*. At the option of the user, an environmental site assessment may include more inquiry than that constituting *all appropriate inquiries* or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate inquiries*. An environmental site assessment is both different from and often less rigorous than an environmental *compliance* audit.

ERNS list—EPA's emergency response notification system list of reported CERCLA *hazardous* substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.

Federal Register (FR)—publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

fill dirt—dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real *property*. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps—maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

good faith—the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

hazardous substance—a substance defined as a *hazardous substance* pursuant to CERCLA 42 U.S.C.89601(14), as interpreted by EPA regulations and the courts:" (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (E) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any *hazardous* waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hamrdons substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See Appendix XI.)

hazardous waste—any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901.6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a *hazardous* waste. at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may-(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

hazardous waste/contaminated sites—sites on which a release has occurred, or is suspected to have occurred, of any *hazardous* substance, *hazardous waste*, or *petroleum*

products, and that release or suspected release has been reported to a government entity.

HREC (historical recognized environmental condition)—a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries—databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri) and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

innocent landowner defense—(42 U.S.C. 889601(35) & 9607(b)(3))—a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest" To qualify for the innocent landowner defense such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiries must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent landowner defense. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

institutional controls (IC)—a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

interviews—those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

key site manager—the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See 10.5.1.

landfill—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs)—landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(95)(A), 9601(40), 9607(b), 9607(q), 9607(r).

local government agencies—those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

local street directories—directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices. See 8.34.6 of this practice.

LUST sites—state lists of leaking underground storage tank sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so. (42 U.S.C. §6991b).

major occupants—those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the property or any anchor tenant when the property is a shopping center.

material safety data sheet (MSDS)—written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 C.F.R. §1910.1200.

material threat—a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Maximum contaminant level (MCL)—This Safe Drinking Water concept (and also used by many states as a groundwater cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.

migrate/migration—for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for

example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

National Contingency Plan (NCP)—the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA's blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Emissions Standard for Hazardous Air Pollutants (NESHAP)—(Federal Clean Air Act) This part of the Clean Air Act regulates emissions of hazardous air pollutants.

No Further Remedial Action Planned (NFRAP)—Facilities where there is NFRAP, as more particularly described under the Records Review section of this report.

Notice of Violation (NOV)—A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.

National Pollutant Discharge Elimination System (NPDES)—(Clean Water Act) the federal permit system for discharges of polluted water.

National Priorities List (NPL)—list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. See 40 C.F.R. Part 300.

obvious—that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

occupants—those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

operator—the person responsible for the overall operation of a facility.

other historical sources—any source or sources other than those designated in 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or *occupants*. See 8.3.4.9.

owner—generally the fee *owner* of record of the *property*.

Presumed Asbestos-Containing Material (PACM)—A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.

Polychlorinated Biphenyl (PCB)—A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are

classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment: however, some of this equipment may still be in use today.

picCuries per Liter of Air (pCi/l)—Unit of measurement for Radon and similar radioactive materials.

petroleum exclusion—the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (*hazardous substance*) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

petroleum products—those substances included within the meaning of the *petroleum* exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosine, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics?)

petroleum storage tank (PST)—An AST or UST that contains a petroleum product.

Phase I Environmental Site Assessment—the process described in this practice.

physical setting sources—sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property*. See 8.2.4.

pits, ponds, or lagoons—man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum products*. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Polarized Light Microscopy (PLM)—see ACM section of the report (if included in the scope of services).

practically reviewable—information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally *practically reviewable*. Listings in *publicly available* records which do not

have adequate address information to be located geographically are not generally considered *practically reviewable*. For large databases with numerous records (such as RCRA hazardous waste generators and registered *underground storage tanks*), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on *the p^{ro}p^{er}tly*, it is *not practically reviewable*.

property—the real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

property tax files—the files kept for *property tax* purposes by the local jurisdiction where the *property* is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is *reasonably ascertainable* and pertaining to *the property*. See 8.34.3.

publicly available—information that is *publicly available* means that the source of the information allows access to the information by anyone upon request.

Radon—A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per liter of air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and groundwater. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.

Resource Conservation and Recovery Act (RCRA)—Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.

RCRA CORRACTS/TSDs—The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.

RCRA Non-CORRACTS/TSDs—The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.

RCRA generators—those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

RCRA generators list—list kept by EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities—those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities list—list kept by EPA of those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA Violators List—RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.

Resource Conservation and Recovery Information System (RCRIS)—as defined in the Records Review section of this report.

reasonably ascertainable—information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable*.

recognized environmental conditions (REC)—the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; (3) under conditions that pose a *material* threat of a future release to the environment. *De minimis* conditions are not *recognized environmental conditions*.

recorded land title records—records of historical fee ownership, which may include leases, land contracts, and AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located. (Often such records are kept by a municipal or county recorder or clerk.) *Such* records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*. See 8.3.4.4.

records of emergency release notifications EPCRA—(42 U.S.C. §11004)—requires *operators* of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely *hazardous* substance. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (42 U.S.C. 11004).

records review—that part that is contained in Section 8 of this practice addresses which records shall or may be reviewed.

release—a *release* of any *hazardous substance* or *petroleum product* shall have the same meaning as the definition of "release" in CERCLA 42 U.S.C. § 9601(22)). For

additional background information, see Legal Appendix (Appendix XI) to XI.1.1 "Releases and Threatened Release."

report—the written report prepared by the *environmental professional* and constituting part of a "Phase 1 Environmental Site Assessment," as required by this practice

State "CERCLIS" List (SCL)—(see SPL/State Priority List, below)

site reconnaissance—that part that is contained in Section 9 of this practice and addresses what should be done in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the site visit done in connection with such a *Phase I Environmental Site Assessment*.

site visit—the visit to the *property* during which observations are made constituting the *site reconnaissance* section of this practice.

solid waste disposal site—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

Solid Waste Facility List (SWF)—A Vista Information Solutions, Inc. database of solid waste facilities listed by state.

Solid Waste Facility/Landfill (SWLF)—The IEPA maintains a database of sites located within Illinois. The database information may include the facility name, class, operation type, area, estimated operational life, and owner. hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a water, or surface water of the *property*. The term includes into structures on the *property* or into the ground, ground threat

solvent—a chemical compound that is capable of dissolving another substance and may itself be a *hazardous* substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

Spill Prevention, Control and Countermeasures (SPCC)—SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.

State Hazardous Waste Sites (SHWS)—The IEPA maintains a database of state equivalent CERCLIS facilities in the State of Illinois. This may or may not already be on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties.

State Priority List (SPL)—State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as State "CERCLIS" List.

standard environmental record sources—those records specified in 8.2.1.

standard historical sources—those sources of information about the history of uses of *property* specified in 8.3.4.

standard physical setting source—a current USGS 7.5 Minute Topographic Map (if any) showing the area on which the *property* is located. See 8.2.4.

standard practice—the activities set forth in this practice.

standard sources—sources of environmental, physical setting, or historical records specified in Section 8 of this practice.

state registered USTs—state lists of *underground storage tanks* required to be registered under Subtitle I, Section 9002 of RCRA.

sump—a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility—treatment, storage, or disposal facility (see RCRA TSD facilities).

Toxic Release Inventory (TRI)—Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.

Toxic Substances Control Act (TSCA)—A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.

underground injection—the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

underground storage tank (UST)—any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous* substances or *petroleum products* and the volume of which is 10 % or more beneath the surface of the ground.

user—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 has specific obligations for completing a successful application of this practice as outlined in Section 6.

USGS 7.5 Minute Topographic Map—the map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5 Minute Topographic Map," and showing the *property*.

visually and/or physically observed—during a *site visit* pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they

may do so by the means at their disposal for moving through the *property* and the structures located on it.

wastewater—water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Wetlands—Areas that are typically saturated with surface or groundwater that create an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant

species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U.S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

zoning/land use records—those records of the local government in which the *property* is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8.

Acronyms

AULs—Activity and Use Limitations.

AHERA—Asbestos Hazard Emergency Response Act

BGS—Below Ground Surface

CERCLA—Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §§9601 *et seq.*).

CERCLIS—Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).

CFR—Code of Federal Regulations.

CORRACTS—facilities subject to Corrective Action under RCRA.

DOT—U.S. Department of Transportation

EPA—United States Environmental Protection Agency.

EPCRA—Emergency Planning and Community Right to Know Act ((also known as SARA Title E0, 42 U.S.C. §§11001-11050 *et seq.*).

ERNS—emergency response notification system. 3.3.9
ESA—Environmental Site Assessment (different than an environmental *compliance audit*, 3.2.27).

FOIA—U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stet.). 3.3.11
FR—Federal Register.

ICs—Institutional Controls.

LLP—Landowner Liability Protections under the *Brownfields Amendments*

LUST—Leaking Underground Storage Tank.

MSDS—Material Safety Data Sheet.

NCP—National Contingency Plan.

NFRAP—former CERCLIS sites where no further remedial action is planned under CERCLA.

NPDES—National Pollutant Discharge Elimination System.

NPL—National Priorities List.

OSHA—Occupational Safety and Health Administration

PCBs—polychlorinated biphenyls.

PRP—Potentially Responsible Party (pursuant to CERCLA 42 U.S.C. §9607(a)).

RCRA—Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 *et seq.*).

SARA—Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).

TPH—Total Petroleum Hydrocarbons

TSDF—hazardous waste treatment, storage or disposal facility.

USACE—United States Army Corps of Engineers

USC—United States Code.

USGS—United States Geological Survey.

USNRCS—United States Department of Agriculture-Natural Resource Conservation Service

UST—Underground Storage Tank.

VCP—Voluntary Cleanup Program

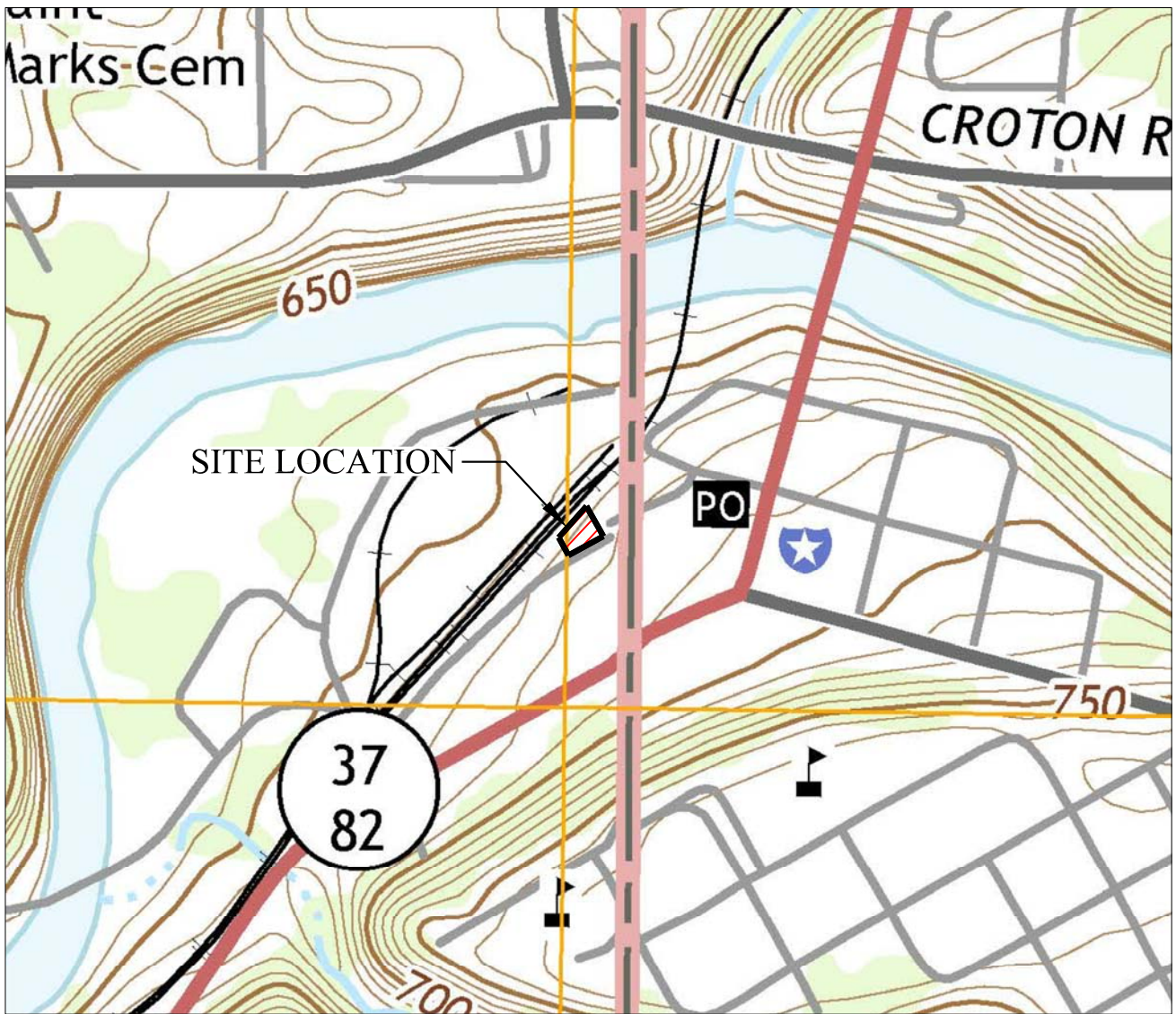
VOC—Volatile Organic Compound

Significance and Use

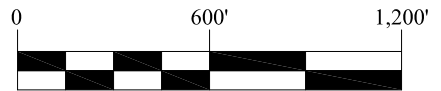
Uses—This practice is intended for use on a voluntary basis by parties who wish to assess the environmental condition of *commercial real estate* taking into account commonly known and *reasonably ascertainable* information. While use of this practice is intended to constitute *all appropriate inquiries* for purposes of the *LLPs*, it is not intended that its use be limited to that purpose. This practice is intended primarily as an approach to conducting an inquiry designed to identify *recognized environmental conditions* in connection with a *property*. No implication is intended that a person must use this practice in order to be deemed to have conducted inquiry in a commercially prudent or reasonable manner in any particular transaction. Nevertheless, this practice is intended to reflect a commercially prudent and reasonable inquiry. (See Section 1.6.)

APPENDIX 14.2

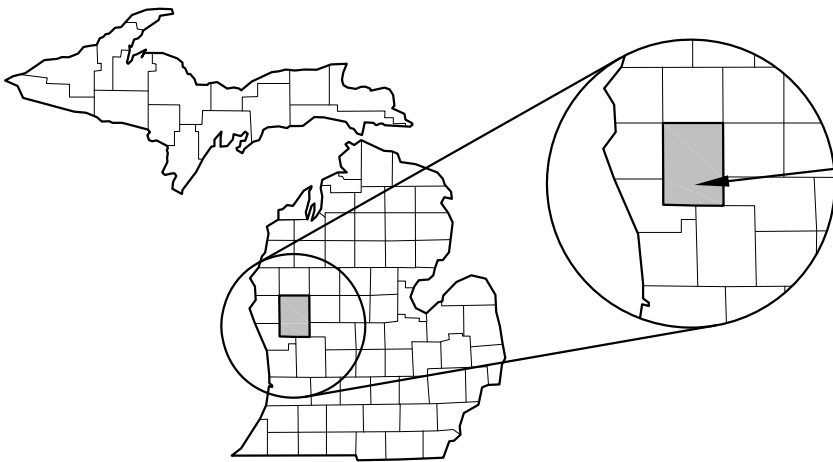
SITE MAPS



USGS 7.5 MINUTE QUAD:
NEWAYGO, MICHIGAN 2014



SCALE: 1" = 600'



NORTHWEST 1/4
SECTION 24, T12N, R13W
CITY OF NEWAYGO
NEWAYGO COUNTY,
MICHIGAN

DWN BY: EJK



SITE LOCATION MAP

PARCEL # 62-18-24-241-006

95 WEST WOOD STREET
NEWAYGO, MICHIGAN 49337

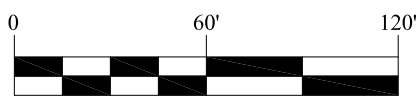
JOB 15-3182

DECEMBER 2015

FIGURE 1



NOTE: 2010 AERIAL IMAGERY FROM NEWAYGO COUNTY GIS,
 APPROX. PARCEL BOUNDARIES ADAPTED FROM NEWAYGO COUNTY GIS



SCALE: 1" = 60'

DWN BY: EJK



SITE FEATURES MAP

PARCEL # 62-18-24-241-006

95 WEST WOOD STREET
 NEWAYGO, MICHIGAN 49337

JOB 15-3182

DECEMBER 2015

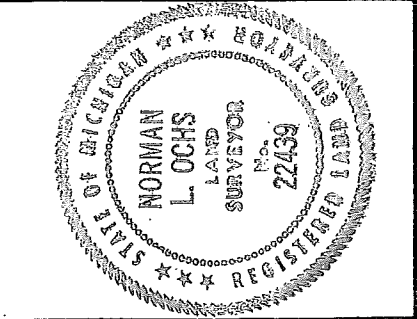
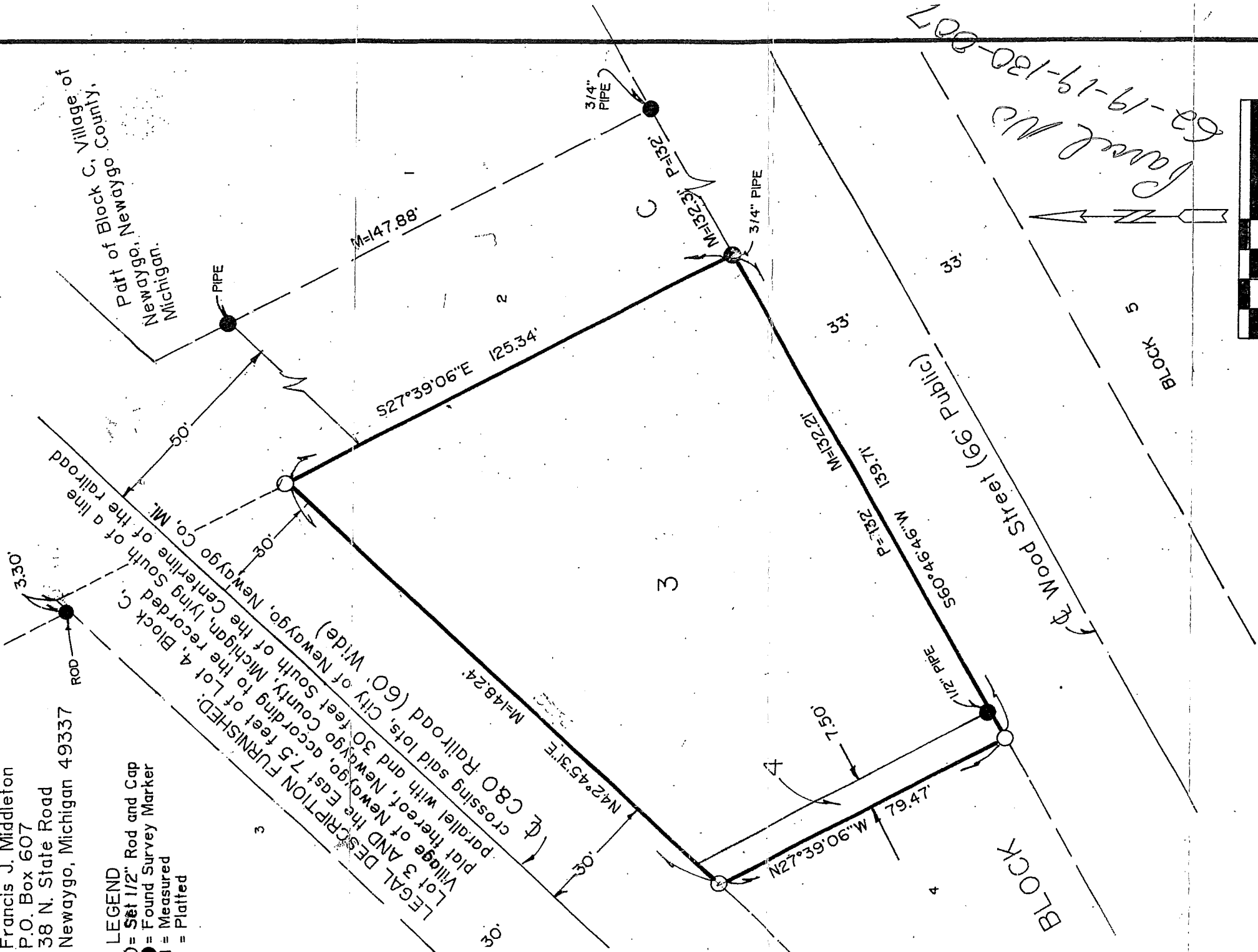
FIGURE 2

SURVEY CERTIFICATE

SURVEY FOR:
Francis J. Middleton
P.O. Box 607
38 N. State Road
Newaygo, Michigan 49337

- LEGEND**
 O = Set 1/2" Rod and Cap
 ● = Found Survey Marker
 M = Measured
 P = Platted

LEGAL DESCRIPTION FURNISHED:
 Lot 3 AND the East 7.5 feet of the recorded Village of Newaygo, according to the recorded plat thereof, Newaygo, City of Newaygo, Michigan, lying South of the Centerline of a line parallel with and 30 feet South of the Centerline of the recorded C&O Railroad (60' Wide) crossing said lots, City of Newaygo, Newaygo Co., MI. Village of Newaygo, Michigan, lying South of the Centerline of the recorded plat thereof, Newaygo, City of Newaygo, Michigan, according to the recorded plat thereof, Newaygo, City of Newaygo, Michigan, lying South of the Centerline of the recorded C&O Railroad (60' Wide) crossing said lots, City of Newaygo, Newaygo Co., MI.



Norman L. Ochs
 Norman L. Ochs, R.L.S. #22439

SCALE: 1"=30'
 DRAWING NO. 9712ILS
 DRAWN BY: L.A.P.

DATE: 06-30-97

NEWAYGO ENGINEERING & SURVEY CO.
 274 NORTH CHARLES STREET (M-37) WHITE CLOUD, MICHIGAN 49349
 P.O. BOX 35 AREA CODE (616) 689-1701 FAX NO. (616) 689-0964

APPENDIX 14.3

TITLE RECORDS & LEGAL DESCRIPTION

Title records not provided.

Legal Description

ALL THAT PART OF LOT 3 & E'LY 1/2 LOT 4 EXC W'LY 42 FT LYING S OF LN PARA WITH & 30 FT S OF C/L OF RR INT SD LOTS EXC RR & THAT PART N OF SD RR BLK C CITY OF NEWAYGO

APPENDIX 14.4

USER/OWNER PROVIDED INFORMATION & QUESTIONNAIRES

USER

ENVIRONMENTAL QUESTIONNAIRE FOR PHASE I ESAS

As Required by ASTM Standard E1527-13

To: Jon Schneider From: Margie Lathrop
 At: City of Newaygo At: Lakeshore Environmental Inc.
 Email: jons@newaygocity.org Pages: 2
 Phone: 231-652-1657 x211 Date: _____
 Site Name: Commercial building and associated parking lot
 Address: 95 West Wood Street, Newaygo, MI 49337

The User should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protection could be at risk.

We need these answers before we conduct the site visit.

1. Environmental Cleanup Liens. ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state, or local law. Such liens might be listed in the "exemptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protection at risk.

Have you checked for these environmental cleanup liens? - Nothing in title work or property file at City Yes No
 Are you aware of any such liens against the subject property? Yes No

2. Activity and Use Limitations (AUL's). These include engineering controls (e.g. slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filled under federal, tribal, state or local law. The title commitment or policy might also list AUL's.

Are you aware of any possible AUL's involving the subject site? - Nothing in title work Yes No

3. Specialized Knowledge. This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants or the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. Purchase Price. Does the purchase price of the property reasonably reflect the fair market value of the property? Yes No

If the purchase price is lower, is it possible it is because contamination is known or believed to be present on the property? N/A Yes No

If Yes, please explain: _____

5. Obvious Indicators. This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

Corporate Office
803 Verhoeks Street
Grand Haven, Michigan 49417
Phone: 800.844.5050
www.LakeshoreEnvironmental.com



6. Common Knowledge. Please use a separate sheet if necessary.

a. Describe the past use of the property:

Music shop and a book store. _____

b. Describe any specific chemicals that may have been present at the property:

Not aware of any chemicals that may have been present at the site. _____

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property:

To our knowledge, there have not been releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property _____

d. Describe any other information that may help us identify possible contamination:

7. Previous Owners/Occupants of the Property. Please list previous owners, operators, and/or occupants and their contact information, if available:

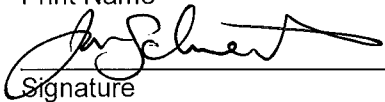
Glenda and Francis Middleton, Music shop owners, 12770 Cypress, Sand Lake MI 49343, 616-498-8671
Matthew Moore, Book store owner, 862 Luce St, Grand Rapids, MI 49534, 616-799-0526

Do you have any knowledge of:

- 8. Underground Storage Tanks at the Property? Yes No
- 9. Groundwater monitoring wells or water use wells at the Property? Yes No
- 10. Artificial fill or dumping at the Property? Yes No
- 11. A change in utilities at the Property? (i.e. septic system or private well)? Yes No

Please explain **Yes** answers: _____

Jon Schneider City Manager
 Print Name Title

 12-16-15
 Signature Date

of separate sheets attached: 0
Explain 'Yes' answers on a separate sheet.

OWNER

ENVIRONMENTAL QUESTIONNAIRE FOR PHASE I ESAS

As Required by ASTM Standard E1527-13

To: Glenda Middleton From: Margie Lathrop
At: Lakeshore Environmental, Inc.
Email: Pages: 2
Phone: (616) 498-8761 Date:
Site Name: Commercial Building and associated parking lot
Address: 95 West Wood Street, Newaygo, MI 49337

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper.

We need these answers before we conduct the site visit.

- 1. Environmental Cleanup Liens. ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state, or local law. Such liens might be listed in the "exemptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protection at risk.

Have you checked for these environmental cleanup liens? [] Yes [X] No
Are you aware of any such liens against the subject property? [] Yes [X] No

- 2. Activity and Use Limitations (AUL's). These include engineering controls (e.g. slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filled under federal, tribal, state or local law. The title commitment or policy might also list AUL's.

Are you aware of any possible AUL's involving the subject site? [] Yes [X] No

- 3. Specialized Knowledge. This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants or the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? [] Yes [X] No

- 4. Obvious Indicators. This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? [] Yes [X] No

Corporate Office
803 Verhoeks Street
Grand Haven, Michigan 49417
Phone: 800.844.5050
www.LakeshoreEnvironmental.com



Grand Haven, MI

Grand Rapids, MI

Vestaburg, MI

Muskegon, MI

5. Common Knowledge. Please use a separate sheet if necessary.

a. Describe the past use of the property:

Property consisted of a music store opened in 1998 and closed in 2012.

b. Describe any specific chemicals that may have been present at the property:

None

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property:

No leaks of any kind. Building has had water intrusion.

d. Describe any other information that may help us identify possible contamination:

None that I am aware of.

6. Previous Owners/Occupants of the Property. Please list previous owners, operators, and/or occupants and their contact information, if available:

Sold to Matt Moore, on a land contract in 2014. Gave back property in summer, 2015.

Do you have any knowledge of:

7. Underground Storage Tanks at the Property?

Yes No

8. Groundwater monitoring wells or water use wells at the Property?

Yes No

9. Artificial fill or dumping at the Property?

Yes No

10. A change in utilities at the Property? (i.e. septic system or private well)?

Yes No

Please explain **Yes** answers:

Glenda Middleton

Print Name

Title

Glenda Middleton

Signature

Date

12-28-15

of separate sheets attached: _____

Explain 'Yes' answers on a separate sheet.

APPENDIX 14.5

RECORDS REVIEW DOCUMENTATION

APPENDIX 14.5 (A)

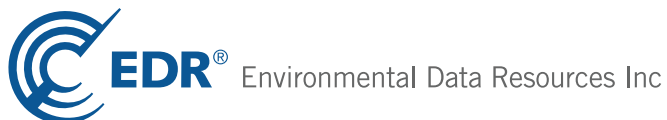
EDR Radius Map Report

15-3182-01

95 West Wood Street
Newaygo, MI 49337

Inquiry Number: 4487630.2s
December 09, 2015

EDR Summary Radius Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

95 WEST WOOD STREET
NEWAYGO, MI 49337

COORDINATES

Latitude (North): 43.4204000 - 43° 25' 13.44"
Longitude (West): 85.8014000 - 85° 48' 5.04"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 597030.4
UTM Y (Meters): 4807983.5
Elevation: 678 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120710, 20120705
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 95 WEST WOOD STREET
 NEWAYGO, MI 49337

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	NEWAYGO FIRE DEPARTM	29 STATE RD	UST	Higher	390, 0.074, SE
A2	HEB DEVELOPMENT II L	15 W STATE RD	RCRA-CESQG	Higher	413, 0.078, ESE
3	NEWAYGO EZ MART	68 STATE RD	UST	Higher	426, 0.081, SSE
A4	1 WEST STATE ROAD (M	1 WEST STATE ROAD (M	BEA	Higher	430, 0.081, ESE
A5	1 WEST STATE ROAD (M	1 WEST STATE ROAD (M	INVENTORY	Higher	430, 0.081, ESE
6	MICHIGAN BELL TELEPH	21 E WOOD ST	RCRA NonGen / NLR	Higher	688, 0.130, ENE
7	SPEEDWAY LLC	196 STATE RD	RCRA-CESQG	Lower	1050, 0.199, SW
8	MICHIGAN AGRIC COMOD	103 WATER ST	UST	Lower	1178, 0.223, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEB DEVELOPMENT II L	15 W STATE RD	ESE 0 - 1/8 (0.078 mi.)	A2	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY LLC	196 STATE RD	SW 1/8 - 1/4 (0.199 mi.)	7	9

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 08/10/2015 has revealed that there are 3 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>
NEWAYGO FIRE DEPARTM Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00014969	29 STATE RD	SE 0 - 1/8 (0.074 mi.)	A1	8
NEWAYGO EZ MART Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00034228	68 STATE RD	SSE 0 - 1/8 (0.081 mi.)	3	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MICHIGAN AGRIC COMOD	103 WATER ST	ENE 1/8 - 1/4 (0.223 mi.)	8	9

EXECUTIVE SUMMARY

Tank Status: Closed in Ground
Facility Type: CLOSED
Facility Id: 00020978

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

INVENTORY: A review of the INVENTORY list, as provided by EDR, and dated 10/27/2015 has revealed that there is 1 INVENTORY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1 WEST STATE ROAD (M)	1 WEST STATE ROAD (M)	ESE 0 - 1/8 (0.081 mi.)	A5	8

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/09/2015 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MICHIGAN BELL TELEPH	21 E WOOD ST	ENE 1/8 - 1/4 (0.130 mi.)	6	9

BEA: A review of the BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there is 1 BEA site within approximately 0.5 miles of the target property.

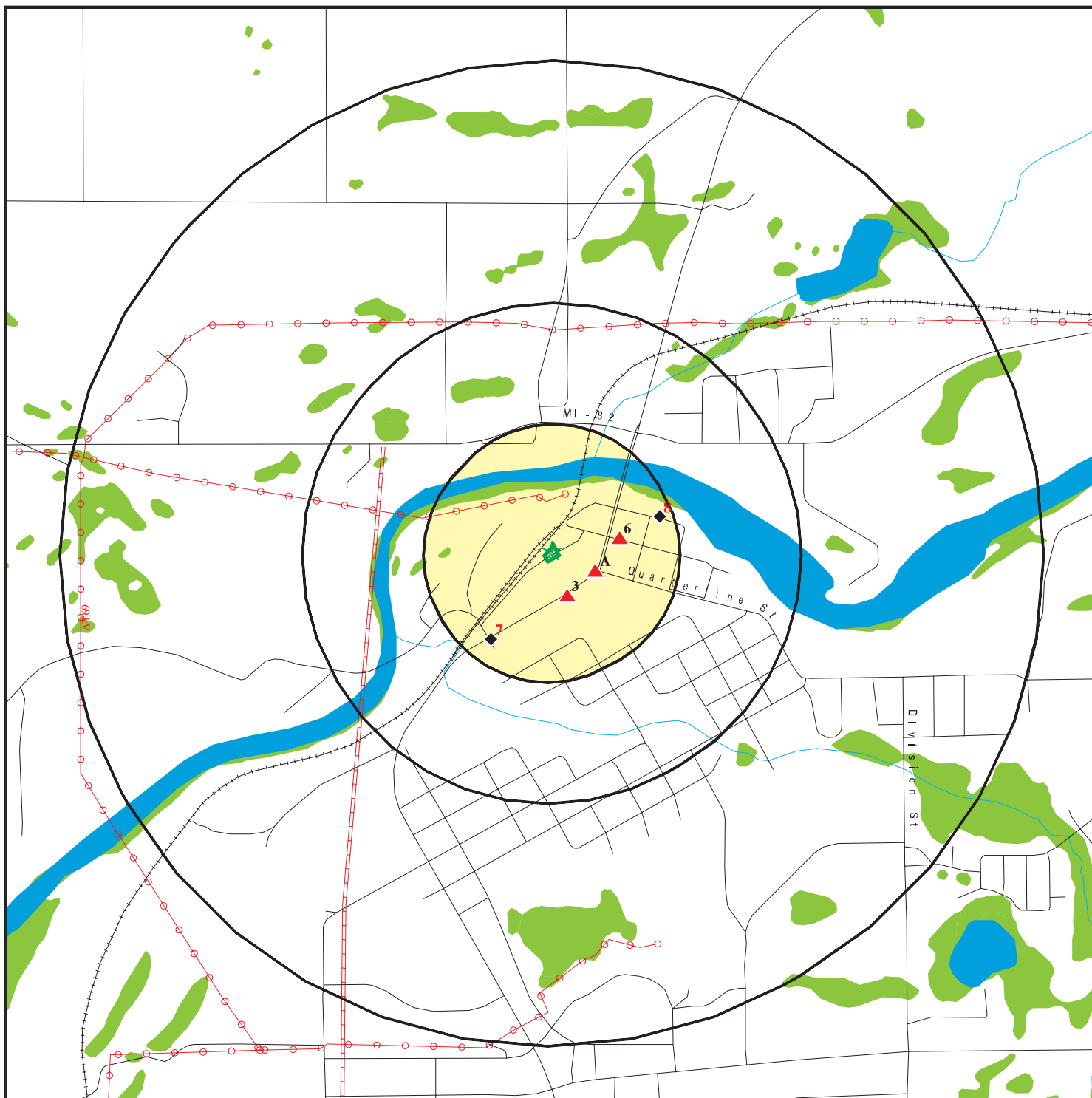
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
1 WEST STATE ROAD (M)	1 WEST STATE ROAD (M)	ESE 0 - 1/8 (0.081 mi.)	A4	8

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEWAGO	S109846579	NEWAYGO STATE POLICE POST	360 ADAMS STREET	49337	PART 201
NEWAYGO	U000261570	WESCO #40	335 ADAMS ST	49337	LUST, UST, AST, AUL, INVENTORY, BEA, WDS
NEWAYGO	1000691324	NEWAYGO MICHIGAN STATE POLICE POST	360 ADAMS ST	49337	LUST, UST, AUL, BROWNFIELDS, INVENTORY, WDS

OVERVIEW MAP - 4487630.2S



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

Pipelines

National Wetland Inventory

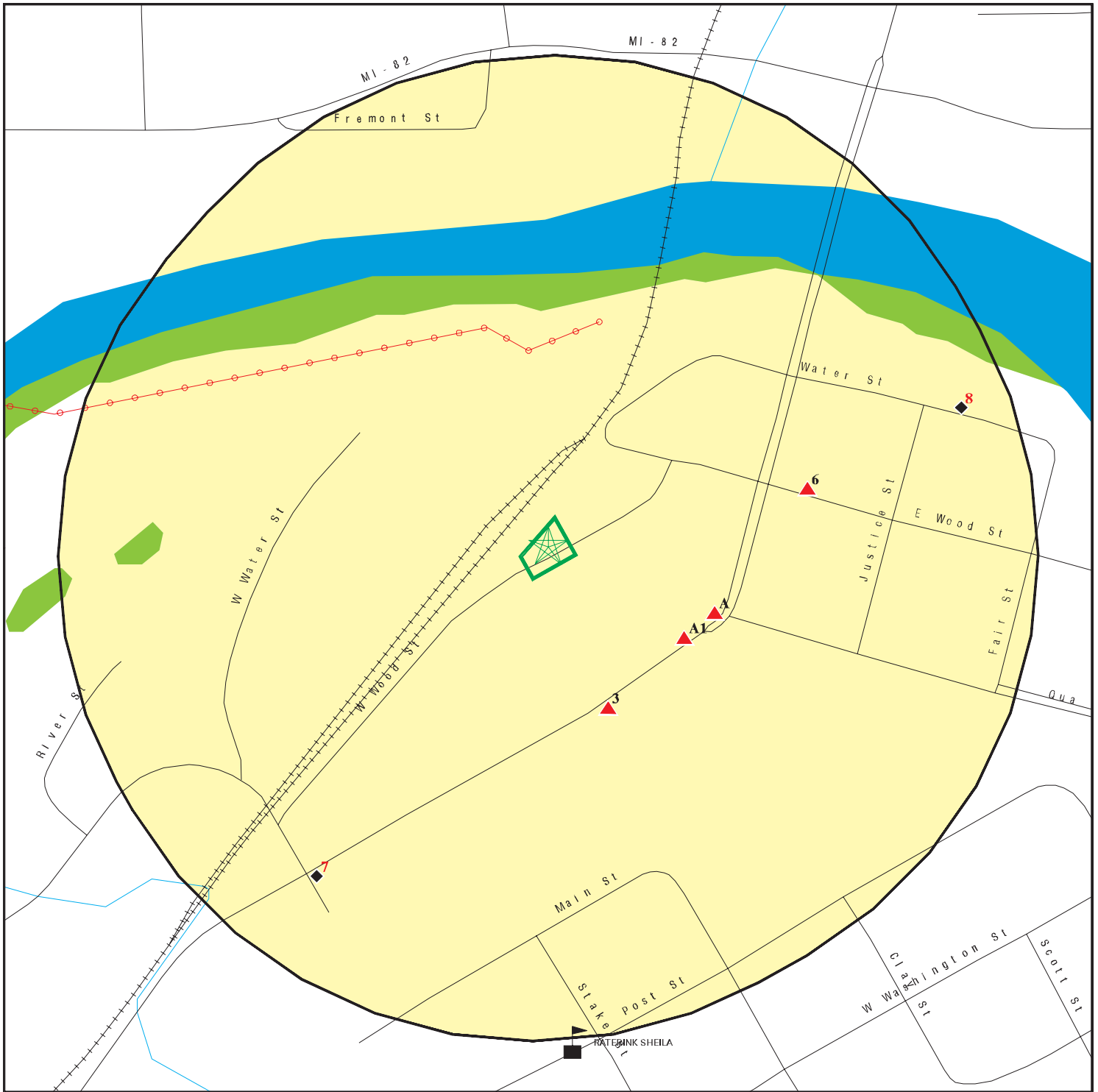
State Wetlands








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: 15-3182-01
 ADDRESS: 95 West Wood Street
 Newaygo MI 49337
 LAT/LONG: 43.4204 / 85.8014

CLIENT: Lakeshore Environmental, Inc.
 CONTACT: Angela Gorsh
 INQUIRY #: 4487630.2s
 DATE: December 09, 2015 2:48 pm

DETAIL MAP - 4487630.2S



-  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
-  Power transmission lines
-  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: 15-3182-01
 ADDRESS: 95 West Wood Street
 Newaygo MI 49337
 LAT/LONG: 43.4204 / 85.8014

CLIENT: Lakeshore Environmental, Inc.
 CONTACT: Angela Gorsh
 INQUIRY #: 4487630.2s
 DATE: December 09, 2015 2:50 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
PART 201 INVENTORY	1.000		0	0	0	0	NR	0
CDL	0.500		1	0	0	NR	NR	1
DEL PART 201	TP		NR	NR	NR	NR	NR	0
US CDL	1.000		0	0	0	0	NR	0
	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
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	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 SE < 1/8 0.074 mi. 390 ft.	NEWAYGO FIRE DEPARTMENT 29 STATE RD NEWAYGO, MI 49337 Click here for full text details	UST	U003328646 N/A
Relative: Higher	UST Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00014969		
A2 ESE < 1/8 0.078 mi. 413 ft.	HEB DEVELOPMENT II LLC 15 W STATE RD NEWAYGO, MI 49337 Click here for full text details	RCRA-CESQG	1012180562 MIK477496780
Relative: Higher	RCRA-CESQG EPA Id: MIK477496780		
3 SSE < 1/8 0.081 mi. 426 ft.	NEWAYGO EZ MART 68 STATE RD NEWAYGO, MI 49614 Click here for full text details	UST	U003329255 N/A
Relative: Higher	UST Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00034228		
A4 ESE < 1/8 0.081 mi. 430 ft.	1 WEST STATE ROAD (M-37) UPPER 1 WEST STATE ROAD (M-37) UPPER NEWAYGO, MI 49337 Click here for full text details	BEA	S110300735 N/A
Relative: Higher			
A5 ESE < 1/8 0.081 mi. 430 ft.	1 WEST STATE ROAD (M-37) UPPER 1 WEST STATE ROAD (M-37) UPPER NEWAYGO (County), MI 49337 Click here for full text details	INVENTORY	S114021756 N/A
Relative: Higher			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
6 ENE 1/8-1/4 0.130 mi. 688 ft.	MICHIGAN BELL TELEPHONE COMPANY 21 E WOOD ST NEWAYGO, MI 49337	RCRA NonGen / NLR	1014392103 MIK476379813
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id: MIK476379813		
7 SW 1/8-1/4 0.199 mi. 1050 ft.	SPEEDWAY LLC 196 STATE RD NEWAYGO, MI 49337	RCRA-CESQG	1000325807 MID985576990
Relative: Lower	Click here for full text details RCRA-CESQG EPA Id: MID985576990		
8 ENE 1/8-1/4 0.223 mi. 1178 ft.	MICHIGAN AGRIC COMODITIES INC 103 WATER ST NEWAYGO, MI 48908	UST	U003329063 N/A
Relative: Lower	Click here for full text details UST Tank Status: Closed in Ground Facility Type: CLOSED Facility Id: 00020978		

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
MI	AIRS	Permit and Emissions Inventory Data	Dept of Environmental Quality	09/22/2015	09/25/2015	11/10/2015
MI	AST	Aboveground Tanks	Dept of Environmental Quality	08/17/2015	08/17/2015	09/02/2015
MI	AUL	Engineering and Institutional Controls	Dept of Environmental Quality	09/01/2015	09/03/2015	09/30/2015
MI	BEA	Baseline Environmental Assessment Database	Dept of Environmental Quality	08/21/2013	08/23/2013	09/12/2013
MI	BROWNFIELDS	Brownfields and USTfield Site Database	Dept of Environmental Quality	09/30/2015	10/27/2015	11/10/2015
MI	BROWNFIELDS 2	Brownfields Building and Land Site Locations	Economic Development Corporation	04/09/2007	04/10/2007	05/01/2007
MI	CDL	Clandestine Drug Lab Listing	Department of Community Health	10/20/2008	11/18/2008	11/21/2008
MI	COAL ASH	Coal Ash Disposal Sites	Dept of Environmental Quality	10/15/2014	10/16/2014	11/26/2014
MI	DEL PART 201	Delisted List of Contaminated Sites	Dept of Environmental Quality	08/01/2013	08/01/2013	09/11/2013
MI	DRYCLEANERS	Drycleaning Establishments	Dept of Environmental Quality	10/19/2015	10/22/2015	11/10/2015
MI	Financial Assurance 1	Financial Assurance Information Listing	Dept of Environmental Quality	10/09/2015	10/15/2015	11/10/2015
MI	Financial Assurance 2	Financial Assurance Information Listing	Dept of Environmental Quality	01/05/2011	01/07/2011	02/14/2011
MI	HIST LF	Inactive Solid Waste Facilities	Dept of Environmental Quality	03/01/1997	02/28/2003	03/06/2003
MI	INVENTORY	Inventory of Facilities	Department of Environmental Quality	10/27/2015	10/28/2015	11/10/2015
MI	LEAD CERT	Lead Safe Housing Registry	Department of Community Health	09/15/2015	09/16/2015	09/30/2015
MI	LIENS	Lien List	Dept of Environmental Quality	07/07/2015	07/24/2015	08/05/2015
MI	LUST	Leaking Underground Storage Tank Sites	Dept of Environmental Quality	08/10/2015	08/19/2015	09/02/2015
MI	NPDES	List of Active NPDES Permits	Dept of Environmental Quality	07/07/2015	07/09/2015	08/05/2015
MI	PART 201	Part 201 Site List	Department of Environmental Quality	10/01/2013	10/03/2014	10/03/2014
MI	PEAS	Pollution Emergency Alerting System	Dept of Environmental Quality	06/10/2015	06/12/2015	06/22/2015
MI	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Quality		07/01/2013	01/13/2014
MI	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Quality		07/01/2013	12/24/2013
MI	RGA PART 201	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Quality		07/01/2013	12/24/2013
MI	SHWS	This state does not maintain a SHWS list. See the Federal CE	Dept of Environmental Quality		10/31/2013	11/20/2013
MI	SWF/LF	Solid Waste Facilities Database	Dept of Environmental Quality	09/28/2015	09/30/2015	11/10/2015
MI	SWRCY	Recycling Facilities	Dept of Environmental Quality	10/02/2015	10/02/2015	11/10/2015
MI	UIC	Underground Injection Wells Database	Dept of Environmental Quality	10/27/2015	10/29/2015	11/10/2015
MI	UST	Underground Storage Tank Facility List	Dept of Environmental Quality	08/10/2015	08/19/2015	09/02/2015
MI	UST 2	Underground Storage Tank Listing	Dept of Environmental Quality	10/22/2015	10/23/2015	11/10/2015
MI	WDS	Waste Data System	Dept of Environmental Quality	08/28/2015	08/28/2015	09/30/2015
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2013	02/24/2015	09/30/2015
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2014	04/17/2015	06/02/2015
US	CORRACTS	Corrective Action Report	EPA	06/09/2015	06/26/2015	09/16/2015
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	03/26/2015	04/08/2015	06/22/2015
US	EDR Hist Auto	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/22/2015	06/26/2015	09/16/2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/26/2015	04/08/2015	06/11/2015
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	07/20/2015	09/09/2015	11/03/2015
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/24/2015	06/26/2015	09/02/2015
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	01/23/2015	02/06/2015	03/09/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	02/03/2015	04/30/2015	06/22/2015
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	07/21/2015	07/29/2015	10/13/2015
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	07/30/2015	08/07/2015	10/13/2015
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	07/28/2015	08/07/2015	10/13/2015
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/13/2015	08/03/2015	10/13/2015
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	03/30/2015	04/28/2015	06/22/2015
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/30/2015	05/05/2015	06/22/2015
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	01/08/2015	01/08/2015	02/09/2015
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	02/03/2015	04/30/2015	06/22/2015
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	07/21/2015	07/29/2015	10/13/2015
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	07/30/2015	08/07/2015	10/13/2015
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	07/28/2015	08/07/2015	10/13/2015
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/13/2015	08/03/2015	10/13/2015
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	09/23/2014	11/25/2014	01/29/2015
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	07/28/2015	08/14/2015	10/13/2015
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	12/14/2014	02/13/2015	03/13/2015
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	09/29/2014	10/01/2014	11/06/2014
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	11/25/2014	11/26/2014	01/29/2015
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2015	05/29/2015	06/11/2015
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/26/2015	07/10/2015	10/13/2015
US	NPL	National Priority List	EPA	03/26/2015	04/08/2015	06/22/2015
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	07/01/2014	10/15/2014	11/17/2014
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	03/26/2015	04/08/2015	06/22/2015
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/07/2015	07/09/2015	09/16/2015
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2015	08/26/2015	11/03/2015
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2013	02/12/2015	06/02/2015
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	07/22/2015	07/24/2015	09/02/2015
US	US AIRS MINOR	Air Facility System Data	EPA	07/22/2015	07/24/2015	09/02/2015
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/22/2015	06/24/2015	09/02/2015
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	08/12/2015	09/04/2015	11/03/2015
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/01/2015	09/03/2015	11/03/2015
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	08/12/2015	09/04/2015	11/03/2015
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/14/2015	06/03/2015	09/02/2015
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2013	07/17/2015	08/12/2015
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	08/01/2015	08/06/2015	08/24/2015
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2014	07/24/2015	08/18/2015
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2013	06/19/2015	07/15/2015
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2014	03/19/2015	04/07/2015

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
MI	Daycare Centers	Sensitive Receptor: Day Care Centers, Group & Family Homes	Bureau of REgulatory Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
MI	State Wetlands	Wetlands Inventory	Department of Natural Resources			
US	Topographic Map		U.S. Geological Survey			

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

15-3182-01
95 WEST WOOD STREET
NEWAYGO, MI 49337

TARGET PROPERTY COORDINATES

Latitude (North):	43.4204 - 43° 25' 13.44"
Longitude (West):	85.8014 - 85° 48' 5.04"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	597030.4
UTM Y (Meters):	4807983.5
Elevation:	678 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	6070247 NEWAYGO, MI
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

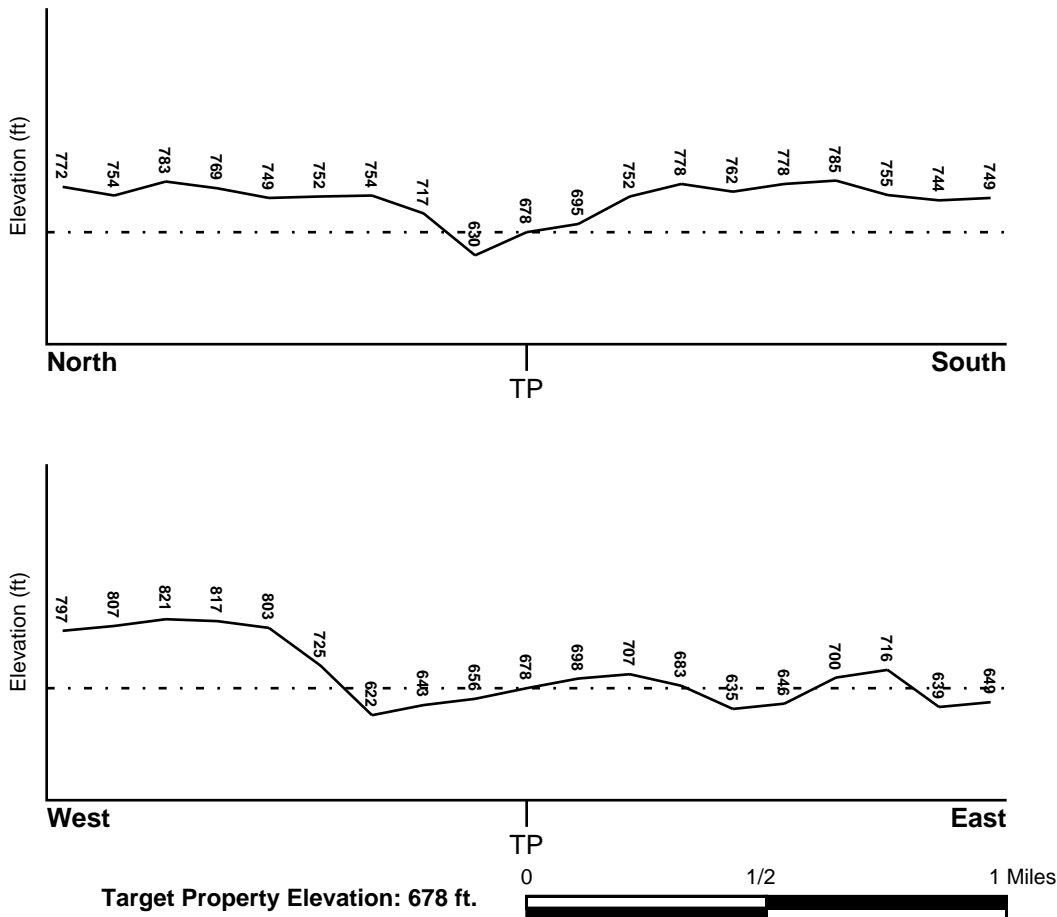
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
NEWAYGO, MI	<u>Electronic Data</u>
	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
FREMONT NE	<u>Data Coverage</u>
	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</u>	<u>GENERAL DIRECTION</u>
<u>FROM TP</u>	<u>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

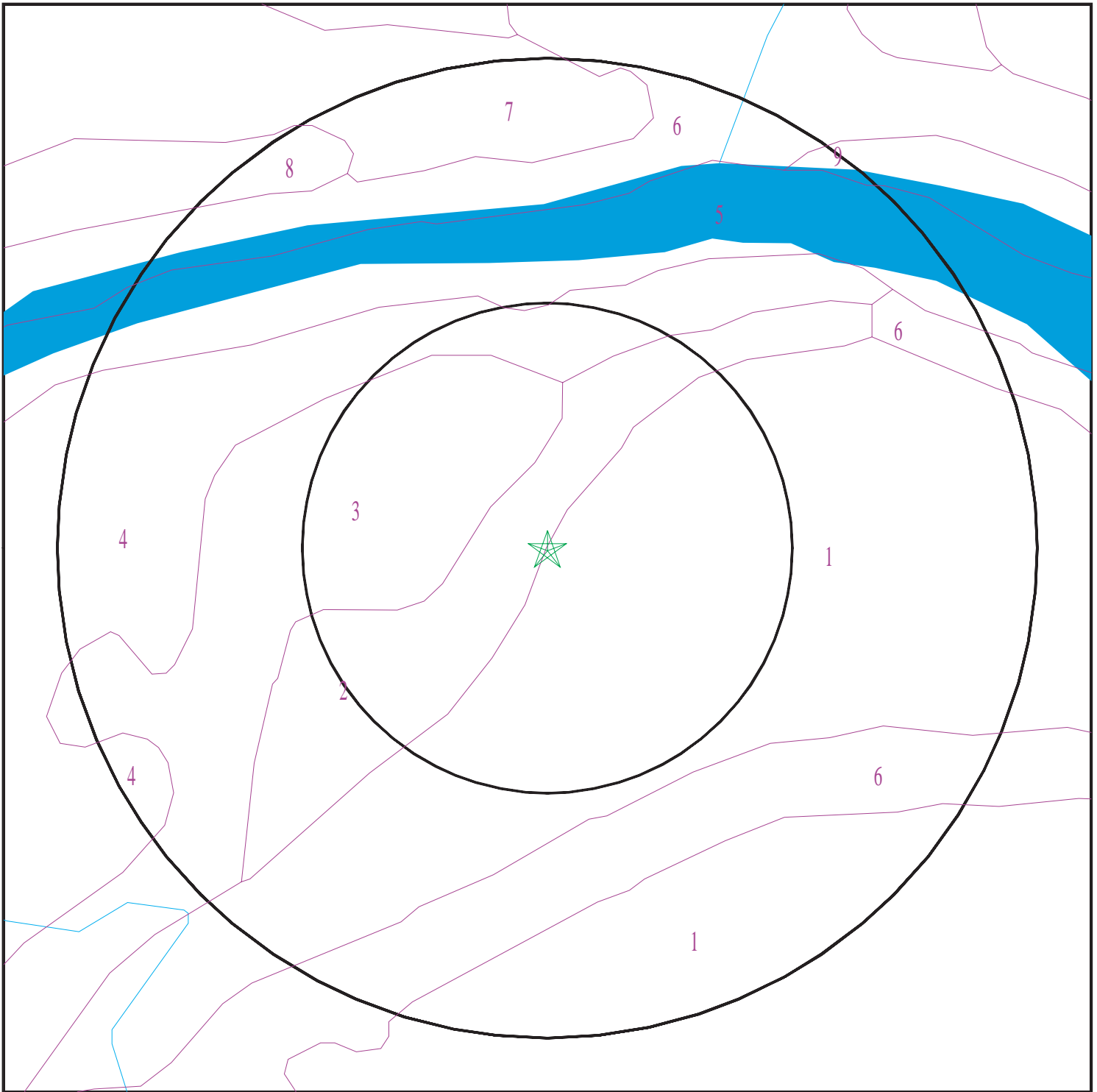
Era: Paleozoic
System: Pennsylvanian
Series: Atokan and Morrowan Series
Code: PP1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4487630.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 15-3182-01
ADDRESS: 95 West Wood Street
Newaygo MI 49337
LAT/LONG: 43.4204 / 85.8014

CLIENT: Lakeshore Environmental, Inc.
CONTACT: Angela Gorsh
INQUIRY #: 4487630.2s
DATE: December 09, 2015 2:52 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: Toogood

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

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	3 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
2	3 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
3	33 inches	35 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6

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		
4	35 inches	59 inches	very gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Toogood

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	3 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1

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		
2	3 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
3	33 inches	35 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.6
4	35 inches	59 inches	very gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 141	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: Udipsammments

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 5.1

Soil Map ID: 4

Soil Component Name: Algansee

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

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	7 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 4.5

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		
2	7 inches	59 inches	stratified fine sand to loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 4.5

Soil Map ID: 5

Soil Component Name: Water

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

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.

Soil Map ID: 6

Soil Component Name: Plainfield

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	1 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 5.1
2	1 inches	26 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
3	26 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Plainfield

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	1 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
2	1 inches	26 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
3	26 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Coloma

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

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	3 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
2	3 inches	42 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5
3	42 inches	59 inches	stratified sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 4.5

Soil Map ID: 9

Soil Component Name: Ceresco

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

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	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	11 inches	29 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	29 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	MI0040370	0 - 1/8 Mile SE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	MI3000000209316	0 - 1/8 Mile SSE
3	MI3000000209534	1/4 - 1/2 Mile WNW
B4	MI3000000209100	1/4 - 1/2 Mile SW
B5	MI3000000209084	1/2 - 1 Mile WSW
C6	MI3000000209052	1/2 - 1 Mile SW
C7	MI3000000209106	1/2 - 1 Mile WSW
C8	MI3000000209079	1/2 - 1 Mile WSW
C9	MI3000000209066	1/2 - 1 Mile WSW
10	MI3000000208842	1/2 - 1 Mile SSE
D11	MI3000000209570	1/2 - 1 Mile WNW
D12	MI3000000209635	1/2 - 1 Mile WNW
13	MI3000000210022	1/2 - 1 Mile NNE
14	MI3000000210037	1/2 - 1 Mile North
15	MI3000000210084	1/2 - 1 Mile North
E16	MI3000000210079	1/2 - 1 Mile North
F17	MI3000000210072	1/2 - 1 Mile NNE
F18	MI3000000210071	1/2 - 1 Mile NNE
19	MI3000000210092	1/2 - 1 Mile NNW
20	MI3000000209156	1/2 - 1 Mile ESE
21	MI3000000208644	1/2 - 1 Mile SSW
E22	MI3000000210126	1/2 - 1 Mile North
G23	MI3000000210118	1/2 - 1 Mile NNE
H24	MI3000000210065	1/2 - 1 Mile NNW
25	MI3000000210026	1/2 - 1 Mile NW
26	MI3000000208309	1/2 - 1 Mile South
27	MI3000000210078	1/2 - 1 Mile NNE
H28	MI3000000210075	1/2 - 1 Mile NNW
G29	MI3000000210165	1/2 - 1 Mile NNE
30	MI3000000209748	1/2 - 1 Mile ENE
31	MI3000000208225	1/2 - 1 Mile SSW
32	MI3000000209574	1/2 - 1 Mile WNW
33	MI3000000208379	1/2 - 1 Mile SSW
I34	MI3000000210161	1/2 - 1 Mile NNW
35	MI3000000209175	1/2 - 1 Mile WSW
I36	MI3000000210197	1/2 - 1 Mile NNW
37	MI3000000209384	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

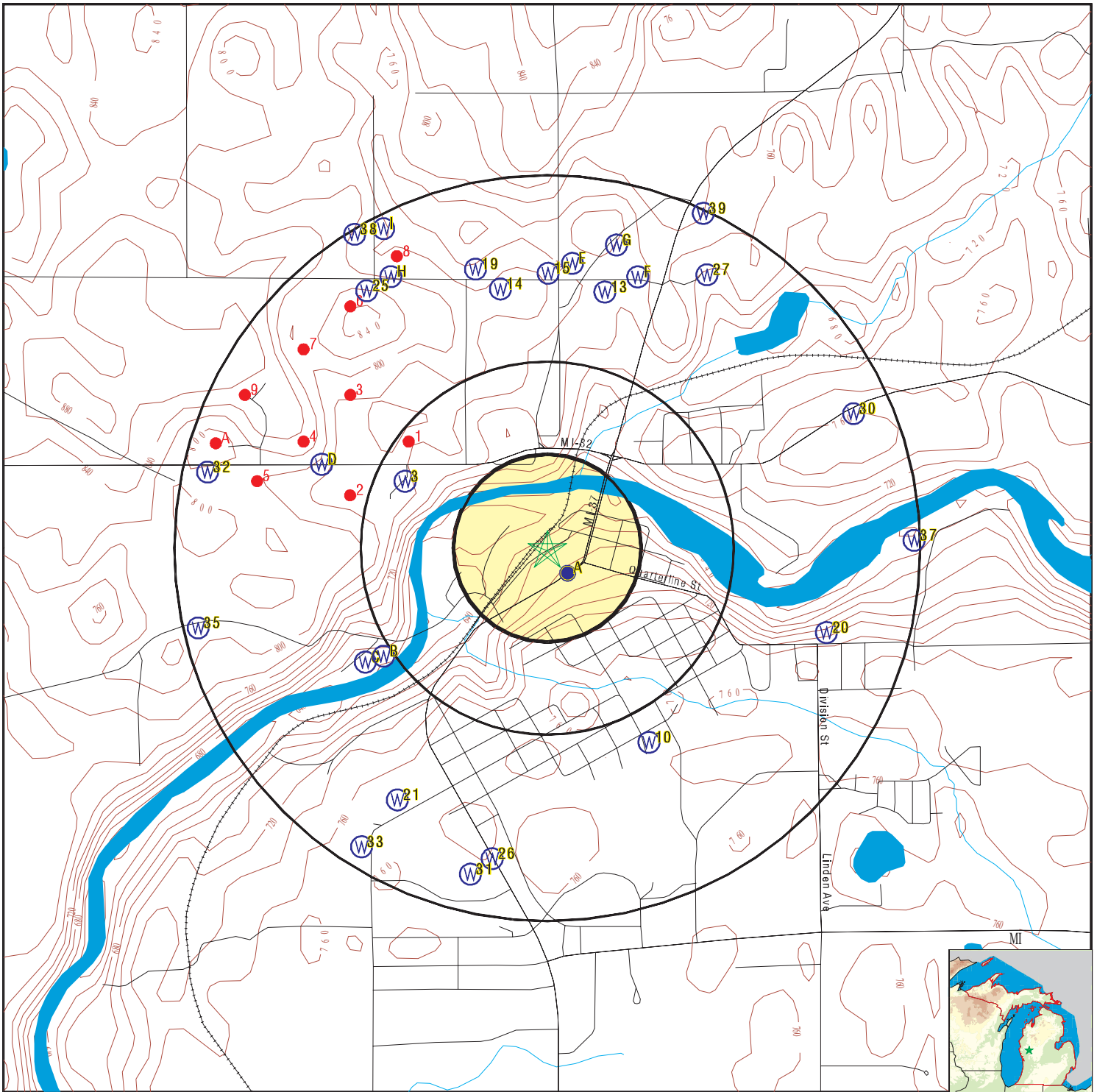
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
38	MI3000000210163	1/2 - 1 Mile NNW
39	MI3000000210212	1/2 - 1 Mile NNE

OTHER STATE DATABASE INFORMATION

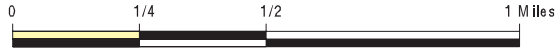
STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MIOG90000044737	1/4 - 1/2 Mile NW
2	MIOG90000044747	1/2 - 1 Mile WNW
3	MIOG90000044823	1/2 - 1 Mile NW
4	MIOG90000044772	1/2 - 1 Mile WNW
5	MIOG90000044727	1/2 - 1 Mile WNW
6	MIOG90000044819	1/2 - 1 Mile NW
7	MIOG90000044800	1/2 - 1 Mile NW
8	MIOG90000044767	1/2 - 1 Mile NNW
9	MIOG90000044809	1/2 - 1 Mile WNW
A10	MIOG90000044738	1/2 - 1 Mile WNW
A11	MIOG90000044466	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 4487630.2s



- County Boundary
- Major Roads
- Contour Lines
- 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: 15-3182-01
 ADDRESS: 95 West Wood Street
 Newaygo MI 49337
 LAT/LONG: 43.4204 / 85.8014

CLIENT: Lakeshore Environmental, Inc.
 CONTACT: Angela Gorsh
 INQUIRY #: 4487630.2s
 DATE: December 09, 2015 2:51 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 NW 1/4 - 1/2 Mile	Click here for full text details	OIL_GAS	MIOG90000044737
2 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044747
3 NW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044823
4 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044772
5 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044727
6 NW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044819
7 NW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044800
8 NNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044767
9 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044809
A10 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MIOG90000044738

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A11 WNW 1/2 - 1 Mile	Click here for full text details	OIL_GAS	MI0G90000044466
A1 SSE 0 - 1/8 Mile Higher	Click here for full text details	MI WELLS	MI3000000209316
A2 SE 0 - 1/8 Mile Higher	Click here for full text details	FRDS PWS	MI0040370
3 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	MI WELLS	MI3000000209534
B4 SW 1/4 - 1/2 Mile Lower	Click here for full text details	MI WELLS	MI3000000209100
B5 WSW 1/2 - 1 Mile Lower	Click here for full text details	MI WELLS	MI3000000209084
C6 SW 1/2 - 1 Mile Lower	Click here for full text details	MI WELLS	MI3000000209052
C7 WSW 1/2 - 1 Mile Lower	Click here for full text details	MI WELLS	MI3000000209106
C8 WSW 1/2 - 1 Mile Lower	Click here for full text details	MI WELLS	MI3000000209079

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C9 WSW 1/2 - 1 Mile Lower	Click here for full text details	MI WELLS	MI3000000209066
10 SSE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000208842
D11 WNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209570
D12 WNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209635
13 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210022
14 North 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210037
15 North 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210084
E16 North 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210079
F17 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210072

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
F18 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210071
19 NNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210092
20 ESE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209156
21 SSW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000208644
E22 North 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210126
G23 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210118
H24 NNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210065
25 NW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210026
26 South 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000208309

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210078
H28 NNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210075
G29 NNE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210165
30 ENE 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209748
31 SSW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000208225
32 WNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209574
33 SSW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000208379
I34 NNW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000210161
35 WSW 1/2 - 1 Mile Higher	Click here for full text details	MI WELLS	MI3000000209175

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

136
NNW
1/2 - 1 Mile
Higher

[Click here for full text details](#)

MI WELLS

MI3000000210197

37
East
1/2 - 1 Mile
Lower

[Click here for full text details](#)

MI WELLS

MI3000000209384

38
NNW
1/2 - 1 Mile
Higher

[Click here for full text details](#)

MI WELLS

MI3000000210163

39
NNE
1/2 - 1 Mile
Higher

[Click here for full text details](#)

MI WELLS

MI3000000210212

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
49337	2/13/2001		1.6
49337	3/12/2009		1.6
49337	3/30/2009		1.6
49337	11/22/2004		1.5
49337	11/24/2003		1.4
49337	11/16/2002		1.4
49337	3/9/2005		1.4
49337	11/15/2004		1.4
49337	2/28/2009		1.4
49337	1/31/2006		1.4
49337	3/27/2006		1.4
49337	12/23/2006		1.3
49337	11/13/1996		1.3
49337	11/22/2003		1.3
49337	11/25/2003		1.3
49337	11/4/2002		1.3
49337	11/16/2004		1.3
49337	12/1/2003		1.3
49337	10/29/2009		1.3
49337	3/5/2009		1.3
49337	11/26/2003		1.2
49337	2/18/2006		1.2
49337	11/6/1997		1.1
49337	2/3/2004		1.1
49337	6/15/2002		1.1
49337	11/24/2003		1.1
49337	3/27/2001		1.2
49337	4/25/2001		1.2
49337	9/7/2006		1.1
49337	4/29/2006		1.1
49337	11/19/2007		1.1
49337	7/12/2007		1.1
49337	5/14/2007		1.1
49337	5/14/1999		1.0
49337	11/15/2004		1.9
49337	11/15/2004		1.9
49337	11/13/2006		1.9
49337	11/30/1998		1.9
49337	12/14/2002		1.9
49337	11/24/2003		1.8
49337	11/24/2003		1.8
49337	12/9/2003		1.8
49337	11/16/2007		1.9
49337	4/7/2001		1.9
49337	3/9/2009		1.9
49337	3/30/2009		1.9
49337			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	6/6/2008		1.8
49337	2/10/2001		1.8
49337	3/30/2009		1.8
49337	5/7/2005		1.8
49337	2/5/2007		1.8
49337	7/24/2008		1.7
49337	11/24/2004		1.7
49337	2/8/2005		1.7
49337	2/13/2006		1.7
49337	11/2/2002		1.6
49337	11/20/2003		1.6
49337	11/21/2002		1.6
49337	11/18/2002		1.6
49337	3/3/2009		1.7
49337	3/23/2009		1.7
49337	11/8/1999		1.0
49337	2/8/2007	<	0.3
49337	12/2/2003	<	0.3
49337	12/1/2003	<	0.3
49337	12/1/2003	<	0.3
49337	12/1/2003	<	0.3
49337	12/1/2003	<	0.3
49337	12/2/2003	<	0.3
49337	12/2/2003	<	0.3
49337	12/1/2003	<	0.3
49337	1/8/2004	<	0.3
49337	2/13/2006	<	0.3
49337	11/4/2006	<	0.3
49337	11/24/2003	<	0.3
49337	11/25/2003	<	0.3
49337	11/24/2003	<	0.3
49337	11/28/2003	<	0.3
49337	11/24/2003	<	0.3
49337	11/26/2003	<	0.3
49337	11/22/2003	<	0.3
49337	11/15/2004	<	0.3
49337	11/15/2004	<	0.3
49337	11/13/2004	<	0.3
49337	11/15/2004	<	0.3
49337	1/25/2007	<	0.3
49337	1/25/2007	<	0.3
49337	11/25/2002	<	0.3
49337	11/18/2002	<	0.3
49337	11/18/2002	<	0.3
49337	11/18/2002	<	0.3
49337	11/18/2002	<	0.3
49337	11/24/2004	<	0.3
49337	11/16/2004	<	0.3
49337	11/24/2004	<	0.3
49337	5/31/2003	<	0.3
49337	3/10/2007	<	0.3
49337	2/16/2007	<	0.3
49337	6/16/2007	<	0.3
49337	12/9/1998	<	0.3
49337	4/4/2008	<	0.3
49337	2/1/1999		0.8
49337			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	11/26/2003	0.5
49337	11/22/2003	0.5
49337	11/29/2003	0.5
49337	11/29/2003	0.5
49337	11/24/2004	0.6
49337	3/10/2003	0.8
49337	11/17/2004	0.8
49337	11/15/2004	0.8
49337	5/30/2006	0.7
49337	3/11/2006	0.7
49337	2/12/2003	0.9
49337	11/25/2003	0.9
49337	11/25/2002	0.9
49337	11/25/2002	0.9
49337	1/17/2005	0.9
49337	3/23/2006	0.6
49337	2/8/2008	0.7
49337	8/17/2006	0.8
49337	11/22/2004	0.9
49337	3/21/2005	0.9
49337	11/20/2004	0.9
49337	2/8/2007	0.9
49337	3/9/2007	0.6
49337	9/7/1994	0.7
49337	2/5/2001	0.7
49337	3/24/2001	0.7
49337	4/2/2001	0.6
49337	3/27/2001	0.8
49337	4/4/2001	0.7
49337	3/2/2001	0.7
49337	3/30/2001	0.8
49337	1/26/2009	0.7
49337	4/15/2008	0.9
49337	11/20/2009	0.6
49337	3/14/2009	0.8
49337	5/4/2009	0.7
49337	2/6/2001	0.9
49337	1/25/2001	0.9
49337	11/3/1997	0.7
49337	12/31/1993	0.5
49337	1/26/2009	0.9
49337	11/21/2002	0.5
49337	11/18/2002	0.5
49337	11/18/2002	0.5
49337	11/24/2003	0.6
49337	1/23/2010	2.6
49337	3/7/2009	2.6
49337	1/30/2004	2.5
49337	2/14/2009	2.5
49337	2/14/2009	2.5
49337	1/17/2006	2.4
49337	10/17/1994	2.4
49337	11/6/1997	2.3
49337	1/31/2009	2.3
49337	11/5/1997	2.1
49337	11/2/1998	2.1
49337		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	10/27/2006		2.3
49337	11/20/2004		2.2
49337	11/21/2002		2.1
49337	11/24/2003		2.1
49337	11/25/2003		2.6
49337	11/24/2003		2.6
49337	10/26/2006		2.6
49337	11/8/2002		2.8
49337	2/2/2007		2.7
49337	2/20/2007		2.6
49337	10/17/2008		2.6
49337	3/12/2009		2.6
49337	3/2/2007	<	0.3
49337	2/21/2009	<	0.3
49337	3/23/2007	<	0.3
49337	4/7/2001	<	0.3
49337	4/30/2001	<	0.3
49337	11/19/2002		3.5
49337	11/13/2004		3.2
49337	2/8/2007		3.2
49337	11/10/2006		3.2
49337	3/27/2001	<	0.3
49337	3/30/2001		3.2
49337	1/15/2010		3.2
49337	2/19/1994		3.1
49337	11/24/2003		3.0
49337	11/25/2003		3.9
49337	2/4/2002		3.7
49337	2/2/1999		3.1
49337	11/13/2004		3.9
49337	11/15/2004		3.9
49337	3/26/2005		3.9
49337	1/16/2004		3.7
49337	11/18/2004		3.0
49337	12/26/2009	<	0.3
49337	1/23/2010	<	0.3
49337	2/13/2007		3.9
49337	3/31/2001		3.3
49337	11/10/2009	<	0.3
49337	11/20/2009	<	0.3
49337	11/21/2002		3.1
49337	4/3/2009		3.3
49337	2/6/2009	<	0.3
49337	12/11/1998		6.1
49337	12/24/2001		5.1
49337	11/24/2003		5.4
49337	11/29/2003		5.4
49337	2/1/2006		4.7
49337	11/16/1998		4.6
49337	1/30/2007		4.8
49337	3/28/2001		4.8
49337	4/14/2001		4.8
49337	1/20/2005		5.6
49337	11/18/2002		2.0
49337	3/31/2009		2.0
49337	11/23/2009		2.0
49337			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

	11/25/2003	2.0
49337	11/24/2003	12.1
49337	3/27/2001	9.7
49337	12/5/2002	9.6
49337	2/7/2005	2.1
49337	11/15/2004	2.0
49337	12/2/2003	2.1
49337	2/27/2006	2.1
49337	7/24/2008	2.0
49337	10/17/2008	2.0
49337	3/5/2009	2.0
49337	12/11/2009	2.1
49337	11/24/2003	4.4
49337	11/18/2002	4.4
49337	1/25/2001	4.4
49337	3/3/2009	4.0
49337	11/24/2004	4.3

Federal EPA Radon Zone for NEWAYGO County: 3

- 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.

Federal Area Radon Information for NEWAYGO COUNTY, MI

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.590 pCi/L	100%	0%	0%
Basement	1.350 pCi/L	89%	11%	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.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R 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.

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 14.5 (B)

Assessing Records

Grantor	Grantee	Sale Price	Sale Date	Inst. Type	Terms of Sale	Liber & Page	Verified By	Prcnt. Trans.			
MIDDLETON GLENDA TRUST	MOORE MATTHEW	55,000	11/09/2014	LC	ARMS LENGTH			100.0			
MIDDLETON FRANCIS J ET UX		7,000	06/06/1996	WD	WARRANTY DEED	364/1909		0.0			
Property Address		Class: COMMERCIAL		Zoning: R2	Building Permit(s)	Date	Number	Status			
95 W WOOD ST		School: District 62070			NEW CONSTRUCTION	10/15/1997	14620	FOOTINGS			
Owner's Name/Address		P.R.E. 0%		MAP #:							
MOORE MATTHEW 862 LUCE ST GRAND RAPIDS MI 49534		2016 Est TCV 55,836 TCV/TFA: 36.35									
Tax Description		X Improved	Vacant	Land Value Estimates for Land Table C.COMMERCIAL							
ALL THAT PART OF LOT 3 & E'LY 1/2 LOT 4 EXC W'LY 42 FT LYING S OF LN PARA WITH & 30 FT S OF C/L OF RR INT SD LOTS EXC RR & THAT PART N OF SD RR BLK C CITY OF NEWAYGO		Public Improvements		* Factors *							
Comments/Influences		Dirt Road Gravel Road Paved Road Storm Sewer Sidewalk Water Sewer Electric Gas Curb Street Lights Standard Utilities Underground Utils.		Description	Frontage	Depth	Front	Depth	Rate %Adj.	Reason	Value
				E-2012 COMM	128.00	100.00	1.0000	0.8165	700 30	BACK LOT	21,947
				128 Actual Front Feet, 0.29 Total Acres					Total Est. Land Value =	21,947	
		Topography of Site		Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/Other	Taxable Value	
		Level		2016	11,000	16,900	27,900			27,900S	
		Rolling		2015	15,800	17,400	33,200			33,200S	
		Low		2014	16,400	19,400	35,800			32,912C	
		High		2013	18,100	20,500	38,600			32,394C	
		Landscaped									
		Swamp									
		Wooded									
		Pond									
		Waterfront									
		Ravine									
		Wetland									
		Flood Plain									
The Equalizer. Copyright (c) 1999 - 2009. Licensed To: City of Newaygo, County of Newaygo, Michigan		Who	When	What	2016	11,000	16,900	27,900			27,900S
					2015	15,800	17,400	33,200			33,200S
					2014	16,400	19,400	35,800			32,912C
					2013	18,100	20,500	38,600			32,394C

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

Desc. of Bldg/Section: Calculator Occupancy: Store, Retail		<<<<< Calculator Cost Computations >>>>> Class: D,Pole Quality: Low Cost Percent Adj: +0				
Class: D,Pole Floor Area: 1,536 Gross Bldg Area: 1,536 Stories Above Grd: 1 Average Sty Hght : 8 Bsmnt Wall Hght		Construction Cost			Base Rate for Upper Floors = 35.50	
		High	Above Ave.	X Ave.	Low	Adjusted Square Foot Cost for Upper Floors = 35.50
Depr. Table : 2.25% Effective Age : 14 Physical %Good: 72 Func. %Good : 100 Economic %Good: 100		** ** Calculator Cost Data ** ** Quality: Low Cost Adj: %+0 \$/SqFt:0.00 Heat#1: No Heating or Cooling 0% Heat#2: Wall or Floor Furnace 0% Ave. SqFt/Story: 1536 Ave. Perimeter Has Elevators:			1 Stories Number of Stories Multiplier: 1.000 Average Height per Story: 8 Height per Story Multiplier: 0.920 Ave. Floor Area: 1,536 Perimeter: 0 Perim. Multiplier: 1.000 Refined Square Foot Cost for Upper Floors: 32.66	
Year Built Remodeled		*** Basement Info ***			County Multiplier: 1.35, Final Square Foot Cost for Upper Floors = 44.091	
Overall Bldg Height		Area: Perimeter: Type: Finished/Office Heat: Forced Air Furnace			Total Floor Area: 1,536 Base Cost New of Upper Floors = 67,724	
Comments:		* Mezzanine Info *			Reproduction/Replacement Cost = 67,724 Eff.Age:14 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 72 /100/100/100/72.0 Total Depreciated Cost = 48,761	
		* Sprinkler Info *			ECF (201 COMMERCIAL) 0.695 => TCV of Bldg: 1 = 33,889 Replacement Cost/Floor Area= 44.09 Est. TCV/Floor Area= 22.06	
		Area: Type: Low				
(1) Excavation/Site Prep:		(7) Interior:			(11) Electric and Lighting:	
(2) Foundation:		(8) Plumbing:			(39) Miscellaneous:	
X	Poured Conc	Brick/Stone	Block	Many Above Ave.	Average Typical	Few None
(3) Frame:		Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets			Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners	
(4) Floor Structure:		(9) Sprinklers:			Outlets: Fixtures:	
(5) Floor Cover:		(10) Heating and Cooling:			X Few Average Many Unfinished Typical X Few Average Many Unfinished Typical	
(6) Ceiling:		X Gas Oil Coal Stoker Hand Fired Boiler			Flex Conduit Rigid Conduit Armored Cable Non-Metalic Bus Duct Incandescent Fluorescent Mercury Sodium Vapor Transformer	
					(40) Exterior Wall:	
					Thickness Bsmnt Insul.	
					(13) Roof Structure: Slope=0	
					(14) Roof Cover:	

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

Grantor	Grantee	Sale Price	Sale Date	Inst Type	Terms of Sale	Liber & Page	Verified by	Pront Trans
MIDDLETON FRANCIS J ET UX		7,000	06/06/1996		Warranty Deed	364/1909		0.0

Property Address 201 WOOD ST	Class: Commercial	Zoning:	Building Permit(s)	Date	Number	Amount
Owner's Name/Address MIDDLETON FRANCIS J ET UX 12770 CYPRESS SAND LAKE, MI 49343	School: District 62070			10/15/1997	14620	14,000
Taxpayer's Name/Address MIDDLETON FRANCIS J ET UX 12770 CYPRESS SAND LAKE, MI 49343	Hmstd 0%					
	Map #:					
	2002 Est TCV 74,990 TCV/TFA: 48.82					

Legal Description ALL THAT PART OF LOT 3 & E'LY 1/2 LOT 4 EXC W'LY 42 FT LYING S OF LN PARA WITH & 30 FT S OF C/L OF RR INT SD LOTS EXC RR & THAT PART N OF SD RR BLK C CITY OF NEWAYGO	Public Improvements Dirt Road Gravel Road Paved Road Storm Sewer Sidewalk Water Sewer Electric Gas Curb Street Lights Standard Utilities Underground Utils.	Land Value Estimates for Land Table C.COMMERCIAL						
		Factors for						
Comments/Influences	Topography of Site Level Rolling Low High Landscaped Swamp Wooded Pond Waterfront Ravine Wetland Flood Plain	Description	Frontage	Depth	Frontage	Depth	Rate %Adj. Reason	Value
		Rate Table SITE	128.00	100.00	1.000	1.000	0 100	20,000
		* denotes lines that do not contribute to the total acreage calculation.						
		128 Actual Front Feet, 0.29 Total Acres					Total Est. Land Value =	20,000
The Equalizer. Copyright (c) 1999 - 2000. Licensed to: City of Newaygo, Newaygo County	Who When What	Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/ Other	Taxable Value
		2002	10,000	27,500	37,500			25,002C
		2001	10,000	26,200	36,200			24,227C
		2000	10,000	24,300	34,300			23,476C
		1999	7,500	19,600	27,100			23,039C

Desc. of Bldg/Section: Calculator Occupancy: Store, Retail		<<<<< Calculator Cost Computations >>>>> Class: D,Pole Quality: Low Cost Percent Adj: +0		
Class: D,Pole Floor Area: 1,536 Stories Above Grd: 1 Average Sty Hght : 8 Bsmnt Wall Hght :	Construction Cost			Base Rate for Upper Floors = 30.45
	<input type="checkbox"/> High	<input type="checkbox"/> Above Ave.	<input checked="" type="checkbox"/> Ave.	<input type="checkbox"/> Low
Depr. Table : 2.25% Effective Age : 2 Physical %Good: 95 Func. %Good : 100 Economic %Good: 100	** ** Calculator Cost Data ** ** Quality: Low Cost Adj: %+0 \$/SqFt:0.00 Heat#1: No Heating or Cooling 0% Heat#2: Wall or Floor Furnace 0% Ave. SqFt/Story: 1536 Ave. Perimeter: 160 Has Elevators:			1 Stories Average Height per Story: 8 Ave. Floor Area: 1,536 Perimeter: 160 Refined Square Foot Cost for Upper Floors: 32.94
Year Built Remodeled	*** Basement Info *** Area: Perimeter: Type: Finished, Typical for Basement Heat: Forced Air Furnace			Number of Stories Multiplier: 1.000 Height per Story Multiplier: 0.920 Perim. Multiplier: 1.176 County Multiplier: 0.93, Final Square Foot Cost for Upper Floors = 30.64
Overall Bldg Height	* Mezzanine Info * Area #1: Type #1: Office Area #2: Type #2: Office			Total Floor Area: 1,536 Base Cost New of Upper Floors = 47,061 Effective Age: 2 Physical/Functional/Economic/Overall %Good: 95 /100/100/ 95 Reproduction/Replacement Cost = 47,061 Total Depreciated Cost = 44,707
Comments:	* Sprinkler Info * Area: Type: Low			ECF (COMMERCIAL) 1.230 => TCV of Bldg: 1 = 54,990 Replacement Cost/Floor Area= 30.64 Est. TCV/Floor Area= 35.80

(1) Excavation/Site Prep:		(7) Interior:		(11) Electric and Lighting:		(39) Miscellaneous:	
(2) Foundation:		(8) Plumbing:		Outlets:			
<input checked="" type="checkbox"/> Poured Conc.	<input type="checkbox"/> Brick/Stone	<input type="checkbox"/> Block	<input type="checkbox"/> Many Above Ave.	<input type="checkbox"/> Average Typical	<input type="checkbox"/> Few None	<input checked="" type="checkbox"/> Few Average Many Typical Unfinished	<input checked="" type="checkbox"/> Few Average Many Typical Unfinished
(3) Frame:		Total Fixtures 3-Piece Baths 2-Piece Baths Shower Stalls Toilets		Urinals Wash Bowls Water Heaters Wash Fountains Water Softeners		<input type="checkbox"/> Flex Conduit <input type="checkbox"/> Rigid Conduit <input type="checkbox"/> Armored Cable <input type="checkbox"/> Non-Metallic <input type="checkbox"/> Bus Duct	
(4) Floor Structure:		(9) Sprinklers:		<input type="checkbox"/> Incandescent <input type="checkbox"/> Fluorescent <input type="checkbox"/> Mercury <input type="checkbox"/> Sodium Vapor <input type="checkbox"/> Transformer		(40) Exterior Wall:	
(5) Floor Cover:		(10) Heating and Cooling:		(13) Roof Structure: Slope=0		<input type="checkbox"/> Thickness <input type="checkbox"/> Bsmnt Insul.	
(6) Ceiling:		<input checked="" type="checkbox"/> Gas Oil	<input type="checkbox"/> Coal Stoker	<input type="checkbox"/> Hand Fired Boiler		(14) Roof Cover:	

Parcel Number: 18-24-241-006

Jurisdiction: City of Newaygo

County: Newaygo

Printed on 09/29/98

Grantor	Grantee	Sale Price	Sale Date	Inst Type	Terms of Sale	Liber & Page	Building Permit(s)	Date	Number	Amount
MIDDLETON FRANCIS J ET UX		7,000	06/06/96		Warranty Deed	364/1909				

Property Address WOOD ST		Public Improvements		Topography of Site		Land Value Estimates for Neighborhood #C.COMMERCIAL						
Owner's Name/Address MIDDLETON FRANCIS J ET UX 12770 CYPRESS SAND LAKE, MI 49343		Dirt Road Gravel Road Paved Road Storm Sewer Sidewalk Water Sewer Electric Gas Curb		Level Rolling Low High Landscaped Swamp Wooded Pond Waterfront		*Factors for*						
Taxpayer's Name/Address MIDDLETON FRANCIS J ET UX 12770 CYPRESS SAND LAKE, MI 49343						Description Frontage Depth Frontage Depth Rate %Adj. Reason Value 0.00 Total Acres Total Est. Land Value =						
Legal Description: ALL THAT PART OF LOT 3 & E'LY 1/2 LOT 4 EXC W'LY 42 FT LYING S OF LN PARA WITH & 30 FT S OF C/L OF RR INT SD LOTS EXC RR & THAT PART N OF SD RR BLK C CITY OF NEWAYGO		Comments/Enhancing/Detracting Influences:										
		1999 Est. T.C.V. 46,000 (Value Overridden)				Year	Land Value	Building Value	Assessed Value	Board of Review	Tribunal/Other	Taxable Value
Map #:						1999		23,000	23,000			23,000S
Prop. Class: 201		:				1998		23,000	23,000			22,677C
School District: 62070		Hmstd 0%				1997			3,700			3,289C
Zoning:		√ Improved		Vacant		1996				3,700	3,700S	
Last Examination: / /				By:								

The Equalizer. Copyright (c) 1988 - 1997. Licensed to: The City of Newaygo, Newaygo County.

Desc. of Building/Section:		Construction Cost		Calculator Cost Computations	
Calculator Occupancy: Store, Retail		High Above Ave.	<input checked="" type="checkbox"/> Ave. Low	<<<<<	>>>>>
Class: D, Pole		** ** Calculator Cost Data ** **		Class: D, Pole Quality: Low Cost Percent Adj: +0	
Total Floor Area: 1536		Quality: Low Cost Adj: %+0 \$/SqFt: 0.00		Base Rate for Upper Floors = 24.80	
Stories Above Ground: 1		Heat #1: No Heating or Cooling (0)		Adjusted Square Foot Cost for Upper Floors = 24.80	
Average Story Height: 8		Heat #2: Wall or Floor Furnace (0)		1 Stories	
Basement Wall Height:		Average SqFt/Story: 1536		Average Height per Story: 8	
Cmts:		Average Perimeter: 160		Number of Stories Multiplier: 1.000	
Cmts:		Has Elevators:		Perimeter: 160	
Year Built Remodeled		*** Basement Info ***		Height per Story Multiplier: 0.920	
Overall Building Height		Area:		Perim. Multiplier: 1.154	
(1) Excavation/Site Prep:		Perimeter:		Refined Square Foot Cost for Upper Floors: 26.32	
(2) Foundation:		Type: Finished, Typical		County Multiplier: 1.00, Final Square Foot Cost for Upper Floors = 26.32	
Footings		Heat: Forced Air Furnace		Total Floor Area: 1,536	
<input checked="" type="checkbox"/> Poured Concrete		(8) Plumbing:		Base Cost New of Upper Floors = 40,426	
Brick or Stone		Many Above Ave.		Reproduction/Replacement Cost = 40,426	
Block		Average Typical		Effective Age: 1 Physical/Functional/Economic/Overall %Good: 98 /100/100/ 98	
		Few None		Total Depreciated Cost = 39,618	
(3) Frame:		Total Fixtures		E.C.F. = 1.000	
		3-Piece Baths		Estimated True Cash Value of Building 1 = 39,618	
		2-Piece Baths		Replacement Cost/Floor Area= 26.32	
		Shower Stalls		Est. TCV/Floor Area= 25.79	
		Toilets			
(4) Floor Structure:		Urinals		(13) Roof Structure: (Roof Slope: 0)	
		Wash Bowls		(40) Exterior Wall:	
		Water Heaters		Wall Thickness	
		Wash Fountains		Bsmnt Insulation	
		Water Softeners		(14) Roof Cover:	
(5) Floor Cover:		(9) Sprinklers:		(39) Miscellaneous:	
		(10) Heating and Cooling:			
		<input checked="" type="checkbox"/> Gas		Fixtures: Few	
		Oil		Incandescent	
(6) Ceiling:		Coal Stoker for hot air		Fluorescent	
		Hand Fired Boiler		Mercury Sodium Vapor Transformer	
(7) Interior:		(11) Electric and Lighting:			

COMMERCIAL ASSESSMENT RECORD

Date of Transfer	Grantee's Name	Address	Revenue Stamp	Verified Sale Price	Map No.	Book No.	Page No.	Parcel Code No.
	GORDON POTTER	NEWAYGO, MICH.						NE 19
Property Address								St. Ave.
Building or Alteration Permit							Date	Amount
								\$
18-24-241-006								

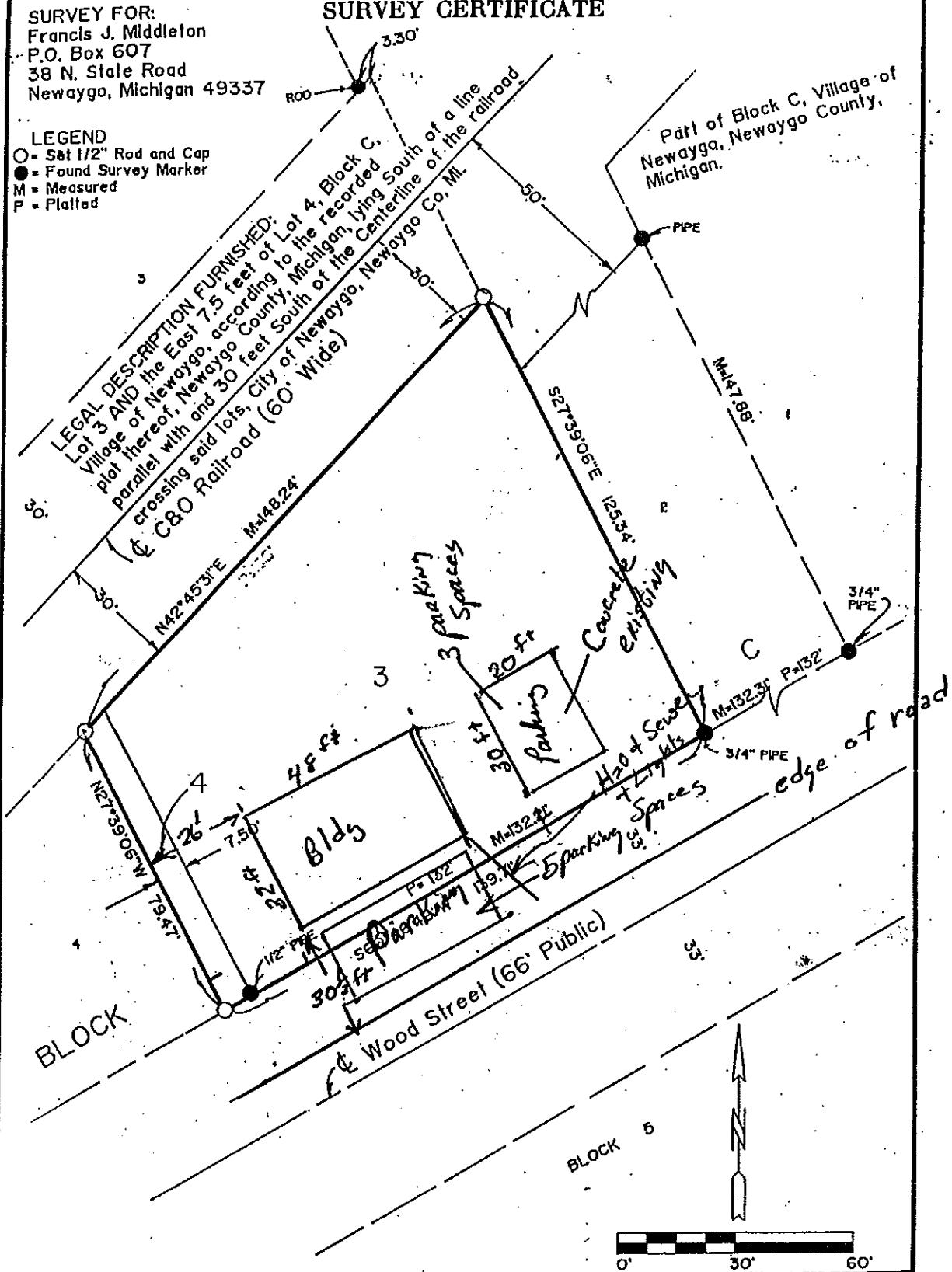
DESCRIPTION	LAND SKETCH	LAND IMPROVEMENTS																							
<p>ALL OF LOT 3 EXC. E 4 FT. & E'LY 1/2 LOT 4 EXC. W'LY 42 FT. ALL LYING 30 FT. S & PAR. WITH CENT. LINE OF R.R. INT. OF SD. LOTS. BLK. C</p> <p style="text-align: center;">CITY OF NEWAYGO</p> <p style="font-size: 1.2em; margin-top: 20px;">B/S. 100 JAN 79</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Dirt</td> <td style="width: 25%;"></td> <td style="width: 25%;">Sidewalk</td> <td style="width: 25%;"><input checked="" type="checkbox"/></td> <td>Gas</td> </tr> <tr> <td>Gravel</td> <td><input checked="" type="checkbox"/></td> <td>Water</td> <td><input checked="" type="checkbox"/></td> <td>Electric</td> </tr> <tr> <td><input checked="" type="checkbox"/> Paved</td> <td></td> <td>Sewer</td> <td><input checked="" type="checkbox"/></td> <td>Fence</td> </tr> <tr> <td>Curb</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Dirt		Sidewalk	<input checked="" type="checkbox"/>	Gas	Gravel	<input checked="" type="checkbox"/>	Water	<input checked="" type="checkbox"/>	Electric	<input checked="" type="checkbox"/> Paved		Sewer	<input checked="" type="checkbox"/>	Fence	Curb				
		Dirt		Sidewalk	<input checked="" type="checkbox"/>	Gas																			
Gravel	<input checked="" type="checkbox"/>	Water	<input checked="" type="checkbox"/>	Electric																					
<input checked="" type="checkbox"/> Paved		Sewer	<input checked="" type="checkbox"/>	Fence																					
Curb																									
LAND VALUE COMPUTATIONS																									
Lot Size	Depth Factor	Equiv. Front	Rate	Base Value																					
ODD SIZE	NDF	153.26	\$ 25	\$ 3825																					
		153	40	6120																					
TOTAL LAND				\$ 3825																					
TOTAL LAND IMPROVEMENTS				\$ —																					
TOTAL BUILDING				455 \$ 3864																					
TOTAL APPRAISED VALUE				\$ 7689																					
ASSESSED				3845																					
Year	Assessed Valuation	Board of Review	Tax Commission																						
1975	\$ 3,600	\$ 3,600	\$																						
1976	3,800	3,800																							
1977	3,800	3,800																							
1978	3,800	3,800																							
79	2200	2200																							
81	2300																								

SURVEY FOR:
Francis J. Middleton
P.O. Box 607
38 N. State Road
Newaygo, Michigan 49337

SURVEY CERTIFICATE

- LEGEND**
 ○ = Set 1/2" Rod and Cap
 ● = Found Survey Marker
 M = Measured
 P = Platted

LEGAL DESCRIPTION FURNISHED:
 Lot 3 AND the East 7.5 feet of Lot 4, Block C,
 Village of Newaygo, according to the recorded
 plat thereof, Newaygo County, Michigan, lying South of a
 parallel with and 30 feet South of the Centerline of the
 crossing said lots, City of Newaygo, Newaygo Co., MI.
 C&O Railroad (60' Wide)



Norman L. Ochs
 Norman L. Ochs, R.L.S. #22439

SCALE: 1"=30'	DRAWING NO. 9712ILS	DATE: 06-30-97
DRAWN BY: L.A.P.		

NEWAYGO ENGINEERING & SURVEY CO.
 274 NORTH CHARLES STREET (M-37) WHITE CLOUD, MICHIGAN 49349
 P.O. BOX 35 AREA CODE (616) 889-1701 FAX NO. (616) 889-0864

Property Transfer Affidavit

This form must be filed whenever real estate or some types of personal property are transferred (even if you are not recording a deed). It is used by the assessor to ensure the property is assessed properly and receives the correct **taxable value**. It must be filed by the new owner with the **assessor for the city or township** where the property is located within **45 days** of the transfer. If it is not filed timely, a penalty of \$5/day (maximum \$200) applies. The information on this form is NOT CONFIDENTIAL.

1. Street Address of Property		2. County Newaygo		4. Date of Transfer (or land contract was signed) January 15, 2013	
3. City/Township/Village of Real Estate Newaygo		<input checked="" type="checkbox"/> City <input type="checkbox"/> Township <input type="checkbox"/> Village		5. Purchase Price of Real Estate \$ Less than \$100.00	
6. Property Identification Number (PIN). If you don't have a PIN, attach legal description. 62-18-24-241-006A				PIN. This number ranges from 10 to 25 digits. It usually includes hyphens and sometimes includes letters. It is on the property tax bill and on the assessment notice.	
7. Seller's (Transferor) Name Francis J. Middleton and Glenda K. Middleton			8. Buyer's (Transferee) Name and Mailing Address Glenda K. Middleton, Trustee of the Glenda K. Middleton Trust 12770 Cypress Avenue Sand Lake, MI 49343		
<p>Items 9 - 14 are optional. However, by completing them you may avoid further correspondence.</p> <p><i>Transfers</i> include deeds, land contracts, transfers involving trusts or wills, certain long-term leases and interest in a business. See the back for a complete list.</p>			9. Type of <u>Transfer</u>		
10. Was this property purchased from a financial institution? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Land Contract <input type="checkbox"/> Lease <input checked="" type="checkbox"/> Deed <input type="checkbox"/> Other (specify) _____		
11. Is the transfer between related persons? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			12. Amount of Down Payment \$ N/A		
13. If you financed the purchase, did you pay market rate of interest? <input type="checkbox"/> Yes <input type="checkbox"/> No			14. Amount Financed (Borrowed) \$ N/A		


Exemptions

The Michigan Constitution limits how much a property's **taxable value** can increase while it is owned by the same person. Once the property is transferred, the **taxable value** must be adjusted by the assessor in the following year to 50 percent of the property's usual selling price (**State Equalized Value**). Certain types of transfers are exempt from adjustment. Below are brief descriptions of the types of exempt transfers; full descriptions are in MCL Section 211.27a(7)(a-n). If you believe this transfer is exempt, indicate below the type of exemption you are claiming. If you claim an exemption, your assessor may request more information to support your claim.

- transfer from one spouse to the other spouse
- change in ownership solely to exclude or include a spouse
- transfer of that portion of a property subject to a life lease or life estate (*until* the life lease or life estate expires)
- transfer to effect the foreclosure or forfeiture of real property
- transfer by redemption from a tax sale
- transfer into a trust where the settlor or the settlor's spouse conveys property to the trust and is also the sole beneficiary of the trust
- transfer resulting from a court order unless the order specifies a monetary payment
- transfer creating or ending a joint ownership if at least one person is an original owner of the property (or his/her spouse)
- transfer to establish or release a security interest (collateral)
- transfer of real estate through normal public trading of stocks
- transfer between entities under common control or among members of an affiliated group
- transfer resulting from transactions that qualify as a tax-free reorganization
- transfer of qualified agricultural property when the property remains qualified agricultural property and affidavit has been filed
- transfer of qualified forest property when the property remains qualified forest property and affidavit has been filed.
- transfer of land with qualified conservation easement (land only -- not improvements)
- other, specify: _____

Certification

I certify that the information above is true and complete to the best of my knowledge.

Owner's Signature 	Date 3-19-13	If signer is other than the owner, print name and title Christopher D. Matthyse, Attorney
Daytime Phone Number 616-459-1171		E-mail Address

10-18-24-241-006A

REG'D MAR 15 2005



LIBER 412 PAGE 8456



LINDA M. LANDHEER
NEWAYGO COUNTY REGISTER OF DEEDS
RECEIVED & RECORDED
03/15/2005 11:20:54 AM

QUIT CLAIM DEED

The Grantor(s) ****MARY VICTOR**, whose address is/are P.O. Box 483 Newaygo, MI 49337, convey(s) and Quit-claim(s) to *****FRANCIS J. MIDDLETON and wife, GLENDA K. MIDDLETON** ("Grantee(s)"), whose address is/are P.O. Box 483 Newaygo, MI 49337, the following described Premises situated in the City of Newaygo, County of Newaygo and The State of Michigan: An undivided eight (8%) percent interest in Lot 3 and the East 7.5 feet of Lot 4, Block C, Village of Newaygo, according to the recorded plat thereof, Newaygo County, Michigan, lying South of a line parallel and with 30 feet South of the centerline of the railroad crossing said lots, City of Newaygo, Newaygo County, Michigan.

This deed is exempt from real estate transfer taxes pursuant to MSA Section 7.456 (5) (a) and (26) (a).

For the sum of Less Than One Hundred Dollars (\$ _____).

The Grantor(s) also grant(s) to the Grantee(s) the right to make _____ Division(s) under Section 108 of the Land Division Act, Act No. 288 of Public Acts of 1967.

The above-described premises may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

Dated this 9th day of March, 2005.

Signed by:

Mary Victor
Mary Victor

STATE OF MICHIGAN)
) ss.
COUNTY OF NEWAYGO)

The foregoing instrument was acknowledged before me this 9th day of March, 2005 by Mary Victor.

Russell E. Price
Russell E. Price, Notary Public,
Newaygo County, Michigan
My Commission expires 12/18/2008

When Recorded Return To:
Mr. & Mrs. Francis Middleton
95 Wood Street
Newaygo, MI 49337

Send Subsequent Tax Bills To:
Mr. & Mrs. Francis Middleton
95 Wood Street
Newaygo, MI 49337

Drafted By:
Russell E. Price
Business Address:
8 E. Main, P.O. Box 124
Fremont, Michigan 49412

NOTES:

- ** Marital status of Grantor(s) must be written after names(s).
- *** Marital status of Grantee(s) must be written after name(s).
- * Names of Witnesses, Notary Public, and persons executing this instrument must appear immediately beneath the signature of such person.

62-18-24-241-006 All
16
Midstate Title Company

Warranty Deed - Individual - Statutory Form

KNOW ALL MEN BY THESE PRESENTS: That Marilyn B. Bennett

LIBER 364 PAGE 1909

whose address is 94 Justice, Newaygo, Michigan

Convey(s) and Warrant(s) to Francis J. Middleton, and Glenda K. Middleton Husband and Wife

whose address is 12770 Cypress, ~~Newaygo~~ ^{Stad knke 93} Newaygo, Michigan 49337 *F.J.M.*

the following described premises situated in the City of Newaygo, County of Newaygo and State of Michigan, to-wit:

All that part of Lot 3, and the East 7.5 feet of Lot 4, of Block C, of the village of Newaygo, according to recorded plat thereof, lying south of a line parallel with and 30 feet South of the centerline of the railroad crossing said lots. City of Newaygo, Newaygo County, Michigan.

NEWAYGO COUNTY
REGISTER OF DEEDS
MARLENE TOOGOOD
'96 JUN 5 AM 11:00
Marlene Toogood

for the full consideration of Seven Thousand Dollars And No Cents (\$7,000.00)

subject to easements and restrictions of record, if any

Dated this 6th day of June, 1996

Witnesses:

Signed and Sealed

Sheryl Beyer
Sheryl Beyer
Donna Stray
Donna Stray

Marilyn B. Bennett
Marilyn B. Bennett (L.S.)

(L.S.)

(L.S.)

(L.S.)

(L.S.)

STATE OF MICHIGAN

} ss.

County of Newaygo

The foregoing instrument was acknowledged before me this 6th day of June, 1996

by Marilyn B. Bennett

prepared by Francis J. Middleton assisted by Midstate Title Company *F.J.M.*

Donna J. Stray

Address 8205 Mason Drive, Newaygo, MI 49337

Notary Public County, Michigan acting in Newaygo County, Michigan My commission expires

DONNA J. STRAY
Notary Public, in Newaygo County, MI
My Commission Expires July 1, 1996

County Treasurer's Certificate

City Treasurer's Certificate

White Cloud, Mich. *June 5 1996* certify that there are no tax liens or titles held by the State or any individual against the within description, and all taxes on same are paid for five years previous to the date of this instrument as appears by the records in my office. This does not cover taxes in process of collection by Townships, Cities or Villages.
Stanley DeWitt
County Treasurer

STATE OF MICHIGAN
NEWAYGO
6 JUN 96
1
REAL ESTATE
TRANSFER TAX
\$ 7.70-CO
\$ 52.50-ST
#100003056

then recorded return to Grantees

and subsequent tax bills to: Grantees

Parcel No. 62-18-24-241-006

62-18-24-241-006
A&T

LIBER 362 PAGE 0595

QUIT CLAIM DEED

The Grantors, GORDON CLIFTON POTTER and wife, IRENE S. POTTER, whose address is 6567 Evergreen, Newaygo, Michigan 49337, quit claims to Grantee, MARYLIN B. BENNETT, whose address is 94 Justice, Newaygo, Michigan 49337, the following described premises situated in the City of Newaygo, County of Newaygo, and State of Michigan, to-wit:

All that part of Lot 3, and the East 7.5 feet of Lot 4, of Block C, of VILLAGE OF NEWAYGO, according to recorded plat thereof, lying South of a line parallel with and 30 feet South of the centerline of the railroad crossing said lots.

for the consideration of Three Thousand and No/100 ----- (\$3,000.00) Dollars.

Dated: August 16, 1995

In the Presence of:

Carol L. Graham
Carol L. Graham

Gordon Clifton Potter
Gordon Clifton Potter

Mary J. Butterick
Mary J. Butterick

Irene S. Potter
Irene S. Potter

STATE OF MICHIGAN)
) SS.
COUNTY OF NEWAYGO)

The foregoing instrument was acknowledged before me this 16th day of August, 1995, by GORDON CLIFTON POTTER and wife, IRENE S. POTTER, to me known to be the same persons who executed the foregoing instrument and who acknowledged the same to be their free act and deed.

Carol L. Graham
Carol L. Graham, Notary Public
Newaygo County, Michigan
My commission expires: 11-20-96

Drafted by:
Murphy & Caris
Theodore A. Caris
20 E. Main Street
Fremont, MI 49412 Parcel #62-

NEWAYGO COUNTY
REGISTER OF DEEDS
MARLENE TOOGOOD

'95 AUG 18 PM 2 03

Marlene Toogood

STATE OF MICHIGAN REAL ESTATE TRANSFER TAX
NEWAYGO 21 AUG 95 5
\$ 3.30-CO
\$ 22.50-ST
#100001512

PROPERTY TRANSFER AFFIDAVIT

This form is issued under authority of P.A. 415 of 1994. Filing is mandatory.

This form must be filed whenever real estate or some types of personal property are transferred (even if you are not recording a deed). It is used by the assessor to ensure the property is assessed properly and receives the correct **taxable value**. It must be filed by the new owner with the **assessor for the city or township** where the property is located within **45 days** of the transfer. If it is not filed timely, a penalty of \$5/day (maximum \$200) applies. The information on this form is not confidential.

1. Street Address of Property unknown	2. County Newaygo	4. Date of Transfer (or land contract was signed) 8-16-95
3. City/Township/Village of Real Estate Newaygo	<input checked="" type="checkbox"/> City <input type="checkbox"/> Township <input type="checkbox"/> Village	5. Purchase Price of Real Estate 3,000.00

6. Property Identification Number (PIN). If you don't have a PIN, attach legal description.
62-18-24-241-006

PIN. This number ranges from 10 to 25 digits. It usually includes hypens and sometimes includes letters. It is on the property tax bill and on the assessment notice.

7. Seller's (Transferor) Name Gordon Clifton Potter et ux	8. Buyer's (Transferee) Name and Mailing Address Marylin B. Bennett 94 Justice Newaygo, MI 49337 <i>POB 759</i>
--	---

Items 9 - 13 are optional. However, by completing them you may avoid further correspondence.

Transfers include deeds, land contracts, transfers involving trusts or wills, certain long-term leases and interest in a business. See the back for a complete list.

9. Type of **Transfer**

Land Contract
 Deed
 Other (specify) _____

10. Is the transfer between related persons? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11. Amount of Down Payment
--	----------------------------

12. If you financed the purchase, did you pay market rate of interest? <input type="checkbox"/> Yes <input type="checkbox"/> No	13. Amount Financed (Borrowed)
---	--------------------------------

Exemptions

The Michigan Constitution limits how much a property's **taxable value** can increase while it is owned by the same person. Once the property is transferred, the **taxable value** must be adjusted by the assessor to 50 percent of the property's usual selling price. Certain types of transfers are exempt from adjustment. Below are brief descriptions of the types of exempt transfers; full descriptions are in MCL Section 211.27a(7)(a-m). If you believe this transfer is exempt, indicate below the type of exemption you are claiming. If you claim an exemption, your assessor may request more information to support your claim.

- transfer from a spouse
- change in ownership solely to exclude or include a spouse
- transfer subject to a life lease or life estate (until the the life lease or life estate expires)
- transfer to effect the foreclosure or forfeiture of real property
- transfer by redemption from a tax sale
- transfer into a trust where the sole beneficiary is the settlor (creator of the trust) or the settlor's spouse
- transfer resulting from a court order unless the order specifies a monetary payment
- transfer creating or ending a joint ownership if at least one person is an original owner of the property (or his/her spouse)
- transfer to establish or release a security interest (collateral)
- transfer of real estate through normal public trading of stocks
- transfer within an entity under common control or affiliated group
- transfer resulting from transactions that qualify as a tax-free reorganization
- other, specify:

Certification

I certify that the information above is true and complete to the best of my knowledge.

Owner's Signature <i>Marylin B Bennett</i>	Date 8-16-95	If signer is other than the owner, print name and title.
---	-----------------	--

FXI

95 W Wood

Received

SEP 04 2015

City of Newaygo

TERMINATION AND RELEASE OF LAND CONTRACT

This Termination and Release of Land Contract is made on August _____, 2015 by and between Glenda K. Middleton, Trustee of the Glenda K. Middleton Trust ("Trust"), whose address is 12770 Cypress Ave., Sand Lake, Michigan, and Matthew Moore ("Moore") a single man, of 862 Luce St., Grand Rapids, Michigan.

BACKGROUND INFORMATION

A. Trust is the owner of the following property located in the City of Newaygo, Newaygo County, Michigan (the "Trust Property"):

All that part of Lot 3 and the East 7.5 feet of Lot 4, of Block C, Village of Newaygo (now city of Newaygo), according to the recorded plat thereof, Newaygo County, Michigan, lying South of a line parallel and with 30 feet South of the centerline of the railroad crossing said lots, City of Newaygo, Newaygo County, Michigan

B. Moore is the buyer of the property identified in paragraph A pursuant to a Land Contract dated August 7, 2014 (the "Land Contract").

C. The Land Contract has been terminated.

NOW, THEREFORE, in consideration of the sum of less than \$100.00, the receipt and sufficiency of which are acknowledged, the parties declare and agree that the Land Contract is terminated.

This transaction is exempt from state and county transfer tax pursuant to MCL 207.526(6)(a) and 207.505(5)(a).

9-4-15
Final bill next month to
Matthew Moore
862 Luce St
GR 49534

Received

OCT 09 2014

LAND CONTRACT

City of Newaygo

This contract ("Agreement") is made on August 7, 2014, between Glenda Middleton, Trustee of the Glenda K. Middleton Trust ("Seller") whose address is 12770 Cypress Ave, Sand Lake, MI 49353, and Matthew Moore ("Buyer") whose address is 862 Luce St, Grand Rapids, MI 49534, on the following terms and conditions:

1. **Sale of the Premises.** Seller agrees to sell and convey to Buyer land in the City of Newaygo, County of Newaygo, State of Michigan, commonly known as 95 W Wood Street, Newaygo, MI 49337, described as

All that part of lot 3 and the East 7.5 feet of Lot 4, of Block C, Village of Newaygo, according to the recorded plat thereof, Newaygo County, Michigan, lying South of a line parallel and with 30 feet South of the centerline of the railroad crossing said lots, City of Newaygo, Newaygo County, Michigan

Permanent parcel number: 62-18-24-241-006

together with all fixtures, improvements, appurtenances, tenements, and hereintments located on the real estate ("Premises") subject to easements and restrictions of record and to zoning laws and ordinances affecting the Premises.

2. **Price and Terms.** Buyer agrees to purchase the Premises from Seller and to pay to Seller a purchase price of \$55,000.00, with no interest on the unpaid part. Payments shall be made as follows:
 - A. A down payment of \$4,000.00 has been given on the signing of this Agreement, which represents a payment of \$1,900.00, and the first six months of installment payments (August 2014 – January 2015), at \$350.00 per month.
 - B. Buyer agrees to pay the Seller the balance of \$51,000.00 over the course of the remaining five years. The first scheduled monthly installment payment shall be made on January 1, 2015, in the amount of \$350.00, and a like amount to be due monthly on the first day of each month during the term of this Agreement.
 - C. On December 31, 2019, the entire unpaid principal, \$30,350.00 and all other amounts owing under this Agreement will be due and payable.
3. **Possession.** Buyer shall receive possession of the Premises at the closing of this Agreement, and is entitled to retain possession only so long as there is no default by Buyer in carrying out the terms and conditions of this Agreement.
4. **The Seller's Duty to Convey.** The Seller will execute and deliver to the Buyer, on the payment in full of all sums owing under this land contract, a good and sufficient warranty deed conveying title to the Premises, subject to restrictions and easement of record mentioned in Section 1, but free from all other encumbrances except those set forth in

this land contract or those that have accrued or attached since the date of this land contract through the acts or omissions of persons other than the Seller. The Seller will pay all state and county transfer taxes due when the warranty deed is recorded.

5. **The Buyer's Duty to Purchase.** The Buyer will purchase the Premises and pay the Seller the purchase price, as provided in Section 2, above. The Buyer shall be responsible for all utilities, water and/or sewer payments from and after the date of this contract.
6. **Maintenance of the Premises.** Buyer shall at all time maintain the Premises in the same condition they are in on the date of giving possession, reasonable wear and tear excepted. Buyer shall not commit or suffer any other person to commit waste, or without the consent of Seller in writing, to remove, change, or demolish the buildings or any other improvements on the Premises.
7. **Taxes.** Buyer shall pay all property taxes and special assessments assessed on the Premises and the Personal Property that shall become due and payable during the term of this Agreement before they become subject to penalties, except for the Summer 2014 tax obligation, which is the obligation of the Seller. Seller will give Buyer all tax and special assessment obligations if Seller receives them. On request by Seller, Buyer shall produce written evidence of the payment of the taxes to Seller within thirty (30) days of Seller's request for that information.
8. **Insurance.** Buyer shall obtain and keep in force fire and extended coverage insurance in the name of Seller covering the Premises with a loss-payable clause or other endorsement naming Seller and Buyer as insured parties as their respective interests may appear in an amount not less than the replacement cost of the improvements on the Premises and, on request, shall deliver to Seller binders of the insurance policies and proof of payment of premiums. The insurance policy shall provide that the insurance company waives all right of recovery by way of subrogation against either party in connection with any damage or injury covered by the policy.
9. **Disposition of Insurance Proceeds.** If there is a loss, Buyer shall give prompt notice to the insurance carrier and to Seller. At Buyer's election, the insurance proceeds may be applied to the restoration or repair of the damaged Premises or be applied to the principal and to all other amounts owed under this Agreement, whether or not then due, with any excess paid to Buyer.
10. **Tax or Insurance Default.** If Buyer fails to make any payment of taxes or insurance when due or to obtain or maintain policies of insurance Seller may
 - A. pay the taxes, assessments, or insurance premiums and add them to the unpaid balance on the Agreement;
 - B. pay the taxes, assessments, or insurance premiums and treat Buyer's failure to pay them as a default under this Agreement; or

- C. not pay the taxes, assessments, or insurance premiums and treat Buyer's failure to pay them as a default.
11. **Right to Forfeit.** If the Buyer fails to meet the terms and conditions of this land contract, the Seller, immediately after default, may declare this land contract forfeited and void; retain whatever the Buyer has paid under this land contract and all improvements that may have been made on the land, together with additions and accretions; and regain possession of the property by a judgment after summary proceedings in accordance with Michigan law. If the Seller relies on a notice of forfeiture to terminate rights under this land contract, the notice must specify all unpaid moneys and other breaches of this land contract and declare the forfeiture of this land contract effective in 15 days after services unless the money is paid and other breaches are cured within that time, except as modified by Section 7, above.
12. **Buyer's Acceptance of Title to and Condition of Premises.** Buyer agrees to accept as merchantable the title disclosed at closing to the Premises and accepts the Premises **AS IS, with no warranties expressed or implied.** Buyer has made its own independent investigation of the title to and condition of the Premises to its satisfaction and waives and releases Seller from any and all claims by Buyer with regard to the condition of the Premises. If any lien encumbrances or mortgages filed against Seller's interest are not satisfied by the date required for the final payment under this Agreement, then Buyer has a right to pay the liens and offset against the final payment all of Buyer's costs in having the liens discharged.
13. **Default of Buyer.** In addition to Buyer's default of any other provisions in the Land Contract, any of the following shall constitute an "Event of Default" in the Land Contract by Buyer:
- A. Failure to make any payment required by the Land Contract when due;
 - B. Failure to perform any act required by the Land Contract, other than the making of payments, within the time established for the performance of that act.
14. **Seller's Remedies.** In the Event of Default occurs, after notice and a right to cure as Provided in the Land Contract, Seller is entitled to the following remedies:
- A. Seller may declare the Land Contract forfeited, pursuant to Section 11.
 - B. If an Event of Default exists for a period of thirty (30) consecutive days or longer, Seller may declare the entire Balance Due on the principal immediately due and payable and foreclose upon the Land Contract in accordance with applicable law
 - C. If, and to the extent Michigan Law provides, the Land Contract shall contain a Power of Sale, and, upon default, may be foreclosed by advertisement. If the Land Contract is foreclosed by advertisement, if, and to the extent Michigan Law provides, Buyer hereby voluntarily, intelligently and knowingly waives all rights,

under the Constitution and Laws of the State of Michigan and Constitution and Laws of the United States, to all Notices and a Hearing in connection with the above-mentioned foreclosure by advertisement, except as set forth in the Michigan Statute providing for foreclosure by advertisement.

15. **Hazardous Materials.** The Seller warrants and covenants that the Premises has not be used by Seller, or anyone acting by or through Seller in the disposal of or to refine, generate, manufacture, produce, store, handle, treat, transfer, release, process or transport any hazardous waste" or "hazardous substance", as the terms hazardous waste and hazardous substance are currently defined in Section 3001 of the Resource Conservation and Recovery Act of 1976 42 USC 6901 et seq. as amended ("RCRA"), Section 101 (4) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 USC 9601 et seq. ("CERCLA"), or the Superfund Amendments and Reauthorization Act, Public Law 99-499, October 17, 1986 ("SARA"), respectively (hereinafter collectively referred to as "Hazardous Materials").

The Buyer warrants and covenants that the Premises shall not be used by Buyer, or anyone acting by or through Buyer in the disposal of or to refine, generate, manufacture, produce, store, handle, treat, transfer, release, process or transport any Hazardous Materials. Buyer agrees to keep the Premises free of Hazardous Materials and, without limiting the foregoing, Buyer shall not cause or permit the Premises to be used to generate, manufacture, refine, transport, treat, store, handle, dispose of, transfer, produce or process Hazardous Materials, except in compliance with all applicable Federal, State and Local Laws and Regulations, nor shall Buyer cause or permit, as a result of any intentional or unintentional act or omission on the part of Buyer, a release of Hazardous Materials onto the Premises. Buyer agrees to promptly deliver to Seller copies of all notices received by Buyer from any Federal, State or Local Authority regarding environmental problems affecting the Premises. The provisions hereof shall be in addition to any and all other obligations and liabilities Buyer may have to Seller in common law and shall survive the repayment of all sums due under the Land Contract and the satisfaction of all other obligations of Buyer hereunder. If Hazardous Materials are present on or under the Premises in violation of the requirements of this Paragraph, Buyer shall: (I) conduct and complete all investigations, studies, sampling and testing, and all remedial, removal and other actions necessary to clean up and remove all Hazardous Materials on, under, from or affecting the Premises in accordance with all applicable Federal, State and Local Laws, Ordinances, Rules, Regulations and Policies, to the satisfaction of Seller, and in accordance with the orders and directives of all Federal, State and Local Governmental Authorities; (ii) defend, indemnify and hold harmless Seller, its successors and assigns from and against any claims, demands, penalties, fines, liabilities, settlements, damages, costs or expenses of whatever kind or nature, known or unknown, contingent or otherwise, arising, from and after the date of Land Contract, out of or in any way related to: (A) the presence, disposal, release or threatened release of any Hazardous Materials on, over, under, from or affecting the Premises or the soil, water, vegetation, buildings, personal property, persons or animals thereon; (B) any personal injury (including wrongful death) or property damage (real or personal) arising out of or related to such Hazardous Materials; (C) any lawsuit brought or threatened,

settlement reached or government order relating to such Hazardous Materials; or (D) any violation of laws, orders, regulations, requirements or demands of government authorities, or any policies or requirements of Seller, which are based upon or in any way related to such Hazardous Materials, including, without limitation, attorney's and consultant's fees, investigation and laboratory fees, court costs and litigation expenses.

16. **Service of Notices.** All notices required to be made under this land contract will be deemed completed and legally sufficient if mailed by first class mail, or if delivered personally or by courier service, to the parties at their addresses in this contract, or at another address that either party designates in writing.
17. **Time of Essence.** It is understood and agreed that time is deemed of the essence of this Agreement.
18. **Binding Effect.** The covenants and agreements of this Agreement shall bind the heirs, assigns, and successors of the respective parties.
19. **Memorandum.** The Buyer may record a memorandum of this land contract, and the Seller agrees to execute one simultaneously with the execution of this land contract. Neither the Seller nor the Buyer will record this land contract.
20. **Whole agreement.** This Agreement constitutes the entire agreement between the parties and is deemed to supersede and cancel any other agreement between the parties relating to the transaction contemplated in this Agreement. None of the prior and contemporaneous negotiations, preliminary drafts, or prior versions of the agreement leading up to its signing and not set forth in this Agreement shall be used by any of the parties to construe or affect the validity of this Agreement. Each party acknowledges that no representation, inducement, or condition not set forth in this Agreement has been made or relied on by either party.
21. **Governing law.** This Agreement shall be governed by and interpreted in accordance with the laws of Michigan. If any provision of this Agreement conflicts with any statute or rule of any law in Michigan or is otherwise unenforceable for any reason, then that provision shall be deemed severable from or enforceable to the maximum extent permitted by law, as the case may be, and that provision shall not invalidate any other provision of this Agreement. Venue for any action brought under this Agreement shall lie in Newaygo County, Michigan.
22. **Amendments.** This Agreement may be amended or modified only by a document in writing signed by each of the parties to this Agreement.
23. **Effective date.** The parties have signed this Agreement in duplicate and it is effective as of above date.

Date: 8-7-14

SELLER

Glenda Middleton
By: Glenda Middleton

Date: 08/07/14

BUYER

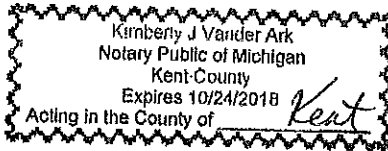
Matthew Moore
By: Matthew Moore

STATE OF MICHIGAN)
 :SS
COUNTY OF KENT)

Subscribed and sworn to me before this 7th day of August, 2014.

Kimberly J Vander Ark

NOTARY PUBLIC
Kent County, Michigan
My commission expires:



REAL ESTATE PURCHASE AGREEMENT

THIS REAL ESTATE PURCHASE AGREEMENT (this "Agreement") is entered into between the City of Newaygo, a Michigan home rule city, with its offices located at 28 State Road, Newaygo, Michigan 49337, ("Buyer") and Glenda K. Middleton, Trustee of the Glenda K. Middleton Trust, of 12770 Cypress Avenue, Sand Lake, Michigan 49343 ("Seller"), upon the following terms and conditions:

1. Description of Property. Seller agrees to sell to Buyer and Buyer agrees to purchase from Seller the improved real property located in the City of Newaygo, Newaygo County, Michigan, commonly known as 95 W. Wood Street, Newaygo, Michigan, and also as Permanent Parcel No. 62-18-24-241-006, and legally described on Exhibit A as attached hereto, together with all improvements, buildings and fixtures, and subject to easements and restrictions of record, if any (the "Property").

2. Purchase Price. The purchase price for the Property is \$40,000, subject to any debits or credits as set forth herein, and payable in immediately available funds at closing (the "Purchase Price").

3. Earnest Money. As of the date this Agreement is signed, Seller acknowledges receipt of the sum of \$500 from Buyer to be held by Seller as a good faith earnest money deposit (the "Deposit"). The Deposit is applicable to the Purchase Price upon closing if the transaction covered by this Agreement proceeds to closing.

4. Payment of Purchase Price. Buyer shall pay the full Purchase Price to Seller at the closing upon execution and delivery of a Warranty Deed conveying the Property to the Buyer, contingent upon satisfaction of the conditions set forth herein.

5. Fixtures and Improvements. All fixtures, improvements and built-in kitchen and other built-in appliances now in or on the Property that are owned by Seller are included in this sale.

6. Title. At the closing, Seller shall convey marketable title to the Property to Buyer by Warranty Deed, subject only to easements, restrictions, reservations or encumbrances of record acceptable to Buyer in accordance with Section 7, below.

7. Title Insurance. Within fifteen (15) days of the date of this Agreement, Buyer shall, at Seller's cost, obtain a commitment for a standard A.L.T.A. owner's policy of title insurance in the amount of the Purchase Price. If the title insurance commitment discloses any matters of title objectionable to Buyer, then Seller may, at Seller's option, cure or obtain insurance over them. If Seller is unable or elects not to cure or obtain necessary insurance over all objectionable exceptions, this Agreement will terminate, the Deposit will be returned to Buyer, and neither party will be obligated further to the other. In the alternative, at Buyer's option, Buyer may elect to accept such title to the Property as Seller is able to provide, without reducing or abating the Purchase Price, without crediting or allowing any sum against the Purchase Price, and without creating any liability in the Seller. At the

closing, Seller will pay the premium due for the issuance of a policy pursuant to the commitment.

8. Survey. Within five (5) days of the date of this Agreement, Seller will provide Buyer with a copy of any survey of the Property in Seller's possession. Buyer may, at Buyer's option and expense, obtain a new or recertified survey of the Property, as Buyer deems appropriate.

9. Inspections. Within thirty (30) days from the date this Agreement is signed, Buyer may, at Buyer's expense, obtain any inspections of the Property that Buyer desires, including without limitation, inspections of the heating, cooling and ventilation systems, plumbing and electrical systems, and insect and pest infestation. Seller agrees to allow Buyer reasonable access to the Property for the purpose of completing Buyer's inspections. Buyer shall have the right to terminate this Agreement and receive a refund of the Deposit within forty (40) days from the date of this Agreement if the inspection reports are not acceptable to Buyer by giving Seller written notice (by facsimile or mail or email). If no such notice is received by Seller within forty (40) days from the date this Agreement is signed, Buyer shall have been deemed to accept the inspections of the Property.

Buyer shall also have the additional right, at Buyer's sole expense, to obtain such environmental inspections and testing of the Property as Buyer desires, including and without limitation, a Phase I environmental report and any subsequent or follow up reports. If Buyer elects to obtain environmental inspections or environmental testing of the Property, it shall commence such inspections or testing within forty-five (45) days of the date of this Agreement. Seller agrees to allow Buyer reasonable access to the Property for the purposes of completing such inspections and testing. If Buyer is not satisfied with the results of such testing or inspections, Buyer shall have the right (at Buyer's sole and absolute discretion) to terminate this Agreement and receive a refund of the Deposit. Buyer shall have up to 145 days to have such environmental inspections and reports completed. If Buyer delivers to Seller a notice of termination based upon such environmental testing or reports, this Agreement shall be deemed terminated, null and void and Buyer shall receive a refund of the Deposit within 15 days of the date that Seller receives such notice of termination. If no such notice of termination is received by Seller within 180 days of the date of this Agreement, Buyer shall have been deemed to accept the environmental testing or inspections of the Property.

Buyer agrees that Buyer is not relying on any representation or statement made by Seller or any real estate salesperson regarding the condition of the Property or this sale transaction, except as may be expressly set forth in this Agreement, a written amendment to this Agreement, or a disclosure statement separately signed by Seller. Accordingly, Buyer agrees to accept the Property "as is" and "with all faults," except as otherwise expressly provided in this Agreement.

10. Contingencies. In addition to any other contingencies set forth herein, the Buyer's obligations under this Agreement are expressly made subject to and contingent upon satisfaction of the following conditions by the time of closing or their waiver by

Buyer:

(a) The closing (and this Agreement) is contingent upon the Newaygo City Council approving this Agreement and proceeding to closing. If the City Council either disproves this Agreement or simply fails to act by the date of closing, this Agreement shall be deemed terminated and null and void and the Buyer shall receive back its Deposit.

(b) The closing is also contingent upon Buyer being satisfied (at Buyer's sole discretion) with the results of the title insurance commitment (and the title held by the Buyer as to the Property) on or before closing.

In the event that any of these contingencies cannot be satisfied, Buyer shall have the right, at any time prior to the closing, to terminate this Agreement and receive a refund of the Deposit.

11. Taxes and Assessments. Seller shall pay all special assessments and real estate taxes levied on the Property in the years prior to closing, including any sidewalk inspection fees or repairs, if required by local ordinances. All special assessments and real estate taxes levied on the Property in the year of closing will be prorated between Buyer and Seller on a calendar year basis, based on the assumption that such taxes are attributable to the calendar year in which they are billed. Seller shall pay for all items due on or before the date of closing, including any PSD fees, water or sewer bills and similar bills or assessments.

12. Closing. The closing shall take place on or before December 15, 2015. If, however, Buyer needs extra time pursuant to Buyer having any environmental inspections or reports done of the Property, closing shall take place not later than 145 days from the date of this Agreement.

13. Possession. Buyer shall have possession of the Property immediately after closing.

14. Costs of Closing. Except as otherwise provided elsewhere in this Agreement, each party shall pay one-half of all the closing costs, including, but not limited to, any recording fees, county and state real estate transfer taxes, any fees charged by the title company for closing and the cost of the title insurance.

15. Time of the Essence. Time is of the essence of this Agreement.

16. Heirs, Successors and Assigns. This Agreement shall run with the land and shall be binding upon and inure to the benefit of the parties and their respective heirs, successors and assigns, except as otherwise stated herein.

17. Amendment. This Agreement represents the entire agreement between the parties. It may not be amended, altered or modified unless the party against whom enforcement of any waiver, modification or discharge is sought does so in writing.

18. Realtor Commission. If either party is responsible to pay any commission, broker's fee, finder's fee, or similar fee on the purchase and sale of this Property, then such fee is the sole responsibility of that party.

19. Condition of the Premises. Buyer's obligation to close is expressly made contingent upon the Premises being in the same condition at the date of closing as it existed on the date of this Agreement, reasonable wear and tear excepted. If any damage should occur prior to closing, all repair and corrective work shall be paid by Seller. In addition, Buyer shall have the right to inspect the Premises immediately prior to the closing in order to determine the satisfaction of this condition.

20. Severability. Except as otherwise provided by this Agreement, the invalidity or unenforceability of any provision of this Agreement will not affect the enforceability or validity of the remaining provisions and this Agreement will be construed in all respects as if such invalid or unenforceable provision were omitted; except, however, that if the invalidity or unenforceability of any provision will affect the basic economic terms of this Agreement or materially affect the rights or obligations of either party, then this Agreement will be deemed terminated.

21. Waiver. No provision of this Agreement may be waived except in a writing signed by both parties. No oral statements, course of conduct, or course of dealing will be deemed to constitute a waiver. No waiver by any party of any breach of this Agreement will be deemed or construed to constitute a waiver of any other breach or as a continuing waiver of any breach.

22. Applicable Law; Construction. This Agreement will be interpreted, construed, enforced, and governed according to the laws of the state of Michigan. Both parties either had professional and legal advice or the opportunity to obtain such advice, and this Agreement is deemed to be mutually drafted.

23. Merger and Modification. This Agreement constitutes the entire agreement between the parties with respect to its subject matter, and all prior discussions, negotiations, and agreements between the parties with respect to such subject matter are deemed merged into this Agreement. No amendment or modification of this Agreement will be enforceable except if in writing and signed by both parties.

24. Survival of Representations and Warranties. All representations and warranties made in this Agreement (if any) shall survive the closing.

25. Notices. Unless otherwise expressly provided for in this Agreement, all notices required or permitted by this Agreement shall be in writing and shall be deemed to be served on the earlier of the date of mailing by first class mail, postage prepaid, addressed to the other party at the other party's last known address or the date of hand delivery to the other party.

26. Other Terms. Buyer understands that the building located on the Property has recently experienced water intrusion and that Seller has not had any professional assessment

or inspection of the building performed to determine what, if any, damage has occurred.

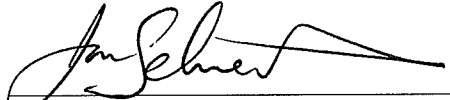
27. Remedies. In the event of a breach of this Agreement by Seller, Buyer may reclaim its Deposit or sue to specifically enforce the provisions of this Agreement. In the event of a breach of this Agreement by Buyer, Seller's sole remedy shall be to retain the Deposit as liquidated damages, the parties agreeing that it would be difficult or impossible to ascertain Seller's exact damages. The parties agree that for any action brought pursuant to or to enforce any provision of this Agreement, to the extent not otherwise prohibited by law, the prevailing party shall, in addition to any other remedies, be entitled to recover his/her actual costs, including, without limitation, actual reasonable attorneys' fees and other legal expenses incurred to bring, maintain or defend any such action from its first accrual or notice through any appellate proceedings and collection proceedings.

28. Effective Date. This Agreement shall become effective when executed by all of the parties hereto.

29. Duplicate: This Agreement has been executed in duplicate.

CITY OF NEWAYGO

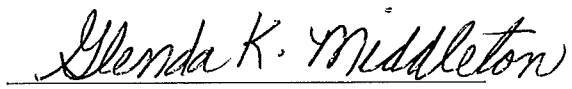
November
Dated: ~~October~~ 19, 2015



Jon Schneider, City Manager

(BUYER)

November
Dated: ~~October~~ 19, 2015



Glenda K. Middleton, as Trustee of the
Glenda K. Middleton Trust

(SELLER)

EXHIBIT A

Legal Description of the Property

All that part of Lot 3 and the East 7.5 feet of Lot 4, of Block C, Village of Newaygo (now, the City of Newaygo), according to the recorded plat thereof, Newaygo County, Michigan, lying South of a line parallel with and 30 feet South of the centerline of the railroad crossing said lots, City of Newaygo, Newaygo County, Michigan.

17530 (001) 783049.2

BS&A AccessMyGov will be undergoing maintenance between the hours of 12AM EST Saturday December 12th and 12AM EST Monday December 14th. During this time AccessMyGov may be unresponsive. We apologize for any inconvenience!

Search: **Assessing** By: **Parcel Number**

ONLINE SERVICES

- Internet Services
 - All Record Search
 - Assessing Search
 - Current Tax Search
 - Miscellaneous Receivables Search
 - Property Sale Search
 - Special Assessment Search
 - Utility Billing Search
- Online Payments
 - Current Tax Payments
 - Miscellaneous Receivables Payments
 - Utility Billing Payments

PERFORMANCE DATA

- Financial Summary
- Performance Dashboard

MUNICIPALITIES

- Select a Municipality

ACCOUNT

- Sign In
- Register
- Why Register?

Home > Search Results > Record Details

Successful Transaction [CLICK HERE](#) for more details and a printable receipt of this transaction.

95 W WOOD ST NEWAYGO, MI 49337 (Property Address)

Parcel Number: 18-24-241-006

Map It | Print



Item 1 of 1 1 Image / 0 Sketches

Property Owner: MOORE MATTHEW

Summary Information

- > Commercial/Industrial Building Summary
- Yr Built: N/A - # of Buildings: 1
- Total Sq.Ft.: 1,536
- > 1 Special Assessment found
- > 1 Utility Billing Account found
- > Assessed Value: \$33,200 | Taxable Value: \$33,200
- > Property Tax Information found
- > 25 Invoices Found, Amount Due: 921.66

Property Information *Current As Of 12/08/2015* | Tax Information | Special Assessments Information | Utility Bill Info.

Invoices

Jump To: Owner and Taxpayer Information | General Information for Tax Year 2015 | Land Information | Legal Description | Land Division Act Information | Sale History | Building Information - 1536.00 sq ft Store, Retail (Commercial)

Click here to add this parcel to your favorite records for easy access on your next visit...

Owner and Taxpayer Information

Back To Top

Owner	MOORE MATTHEW 862 LUCE ST GRAND RAPIDS, MI 49534	Taxpayer	SEE OWNER INFORMATION
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General Information for Tax Year 2015

Back To Top

Property Class	COMMERCIAL	Unit	6257 UNIT '6257'
School District	District 62070	Assessed Value	\$33,200
MAP #	Not Available	Taxable Value	\$33,200
USER NUM IDX	0	State Equalized Value	\$33,200
USER ALPHA 1	Not Available	Date of Last Name Change	11/25/2014
TELEPHONE	Not Available	Notes	Not Available
Historical District	Not Available	Census Block Group	Not Available
USER ALPHA	Not Available		

2

Principal Residence Exemption InformationHomestead *Not Available*
Date

Principal Residence Exemption	June 1st	Final
2014	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2014	\$35,800	\$35,800	\$32,912
2013	\$38,600	\$38,600	\$32,394

Land Information[Back To Top](#)

Zoning Code R2

Total Acres 0.294

Land Value \$31,616

Land Improvements \$0

Renaissance Zone No

Renaissance Zone *Not Available*
Expiration Date

ECF Neighborhood 201 COMMERCIAL

Mortgage Code *Not Available*Lot Dimensions/Comments *Not Available*

Neighborhood Enterprise Zone No

Lot(s)	Frontage	Depth
Lot 1	128.00 ft	100.00 ft
Total Frontage: 128.00 ft		Average Depth: 100.00 ft

Legal Description[Back To Top](#)

ALL THAT PART OF LOT 3 & E'LY 1/2 LOT 4 EXC W'LY 42 FT LYING S OF LN PARA WITH & 30 FT S OF C/L OF RR INT SD LOTS EXC RR & THAT PART N OF SD RR BLK C CITY OF NEWAYGO

Land Division Act Information[Back To Top](#)Date of Last Split/Combine *Not Available*

Number of Splits Left 0

Date Form Filed *Not Available*

Unallocated Div.s of Parent 0

Date Created *Not Available*

Unallocated Div.s Transferred 0

Acreage of Parent 0.00

Rights Were Transferred *Not Available*

Split Number 0

Courtesy Split *Not Available*Parent Parcel *Not Available***Sale History**[Back To Top](#)

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
-----------	------------	------------	---------	---------	---------------	------------

11/09/2014	\$55,000.00	LC	MIDDLETON GLENDA TRUST	MOORE MATTHEW	LAND CONTRACT	
06/06/1996	\$7,000.00	WD	MIDDLETON FRANCIS J ET UX		WARRANTY DEED	364/1909

Building Information - 1536.00 sq ft Store, Retail (Commercial)

[Back To Top](#)

Floor Area	1,536 sq ft	Estimated TCV	\$34,830
Occupancy	Store, Retail	Class	D,Pole
Stories Above Ground	1	Average Story Height	8 ft
Basement Wall Height	<i>Not Available</i>		
Year Built	<i>Not Available</i>	Year Remodeled	<i>Not Available</i>
Percent Complete	100%	Heat	No Heating or Cooling
Physical Percent Good	74%	Functional Percent Good	100%
Economic Percent Good	100%	Effective Age	13 yrs

****Disclaimer:** BS&A Software provides AccessMyGov.com as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data.



APPENDIX 14.5 (C)

Building Records

18-24-241-006

Received

CITY OF NEWAYGO
Application for Zoning Compliance Permit

OCT 09 2014

City of Newaygo

Date: 10/9/14

Permit #: _____

Fee: \$ 10.00

1. Applicant information: (if not individual, list business) Owner Information: (if different from applicant)

Name: Matthew G Moore / Aunt Martha's Books

Name: Matthew G Moore

Address: 95 W Wood St

Address: 0-862 Luce St

Newaygo, MI 49837

Grand Rapids, MI 49534

Phone: (231) 295-0665

Phone: (616) 799-0526

E-Mail: aunt-martha-m@y.choo.com

E-mail: same as store

2. Address of Property Involved: Listed above 95 W. Wood St

3. Property Tax Identification Number: _____

4. Application is made for:

- Checkboxes for New Construction, Addition, Remodel, Fence, Change of Use (existing structures), Other

Explain building activity and use: Retail of used books and other materials around the used book business

5. Other applicable approvals needed:

- Checkboxes for Special Approval Use Request, Planned Unit Development, Site Plan Review, Variance Request, Rezoning Request, Sign Permit

6. Type of Structure: () Single Family (X) Other: Retail / Business

7. Present Zoning Classification: RA / PSD 7. Lot Area: _____

8. Zoning District Minimum Setback requirements: Front _____ Sides _____ Rear _____

9. Proposed setbacks of building: Front _____ Lf Side _____ Rt Side _____ Rear _____

10. Building height: _____ 11. Dimensions of bldg & Sq ft: _____

11. Value of improvements: _____

12. Public Utilities Available: _____ Water _____ Sewer _____ Electric _____ Gas _____

Handwritten notes: Failed 5/10-20-14, Emailed

13. Please provide a **detailed diagram** showing all existing and proposed buildings with location, dimensions and heights, lot dimensions and property lines, setbacks of existing and proposed buildings from property lines, any parking areas and any other related information. A survey of the property in question may be necessary.


14. I/We do hereby agree to comply with all Ordinances and regulations of the City of Newaygo, Newaygo County, Michigan, and any other agencies or Governmental units which may be involved. All the information on this application is true to the best of my/our knowledge and I/We understand if proved otherwise, this application can become invalid and can be grounds for legal action.

Applicant(s):  Date: 10/9/14
_____ Date: _____

A Zoning Compliance permit for the above application is hereby:

() Approved () Denied

Restrictions/reasons for action: Signs and other exterior improvements
require approval of downtown PSD Board.

City official/employee signature:  Date: 10-20-14

CITY OF NEWAYGO
APPLICATION FOR ZONING COMPLIANCE PERMIT

Application No. 97-69
Fee Received Yes No

1. Applicant Name and Address Francis J. Middleton
12770 Cypress Ave Sand Lake MI
49843

2. Applicant is/are Owners of Property
 Agent of Owners of Property

3. Address of Property involved 201 Wood St Newaygo MI 49843

4. Property Tax Identification Number 62-18-24-241-006

5. Application is made for:

- | | |
|--|--|
| <input checked="" type="checkbox"/> New Construction | <input type="checkbox"/> Addition to existing building |
| <input type="checkbox"/> Accessory building | <input type="checkbox"/> Remodel interior |
| <input type="checkbox"/> Deck or Porch | <input type="checkbox"/> Other |

Explain building activity Sell Music Equip. + Used Books

Other applicable approvals needed:

- | | |
|---|---|
| <input type="checkbox"/> Special Approval Use Request | <input type="checkbox"/> Variance Request |
| <input type="checkbox"/> Planned Unit Development | <input type="checkbox"/> Rezoning Request |
| <input type="checkbox"/> Site Plan Review | <input type="checkbox"/> Sign Permit |

6. Type of Construction Pole building w/ shingled roof.

7. Present Zoning Classification Commercial 8. Lot Area 13,530 sq ft.

9. Zoning District Minimum Setback requirements
Front _____ Rear _____ Sides _____

10. Proposed Setbacks of building:
Front _____ Rear _____ Near Side _____ Far Side _____

11. Building height _____ 12. Dimensions of building 32' x 48'

13. Total Sq ft 1536 sq ft. 14. Value of improvements \$1 20,000 ≈

15. Public Utilities Available _____ Water _____ Sewer _____ Electricity _____ Gas

16. Please provide a detailed diagram showing all existing and proposed buildings on lot in question with location, dimensions and heights, include lot dimensions and property lines, setbacks of existing and proposed buildings from property lines, any parking areas, and any other related information. A survey of the property would be very helpful.

17. I/We do hereby agree to comply with all Ordinances and regulations of the City of Newaygo, Newaygo County, Michigan, and any other agencies or Governmental units which may be involved. All the information on this application is true to the best of my/our knowledge and I/We understand if proved otherwise, this application can become invalid and can be grounds for legal action.

Applicant(s) Francis J. Middleton Date Oct 6, 1997

Telephone _____

A Zoning Compliance Permit is hereby Granted () Denied for the following reasons:

Other approvals or permits needed by applicant _____

Zoning Administrator [Signature]
City of Newaygo, Newaygo County, Michigan

Date 9/2/97

CITY OF NEWAYGO
APPLICATION FOR SITE PLAN REVIEW

FEE: \$200.00
FOR BATH

Application No. 97-69
Fee Received yes no

1. Applicant(s) Name and Address Francis James Middleton
12770 Cypress Ave. Sand Lake MI

2. Applicant(s) is/are () Owner(s) of property 49343
() Agent of Owner(s) of property involved

3. Address of property involved 201 Wood St. Newaygo MI 49333

4. Property Tax Identification No. 62-18-24-241-006

5. Application is hereby for a use in one of the following zoning districts:

- () R-1 Single Family Residential
- () R-2 Single & Two Family Resid.
- () R-3 Multiple Family Resid.
- () R-4 Mobile Home Residential
- () B-1 General Business District *more or less*
- () B-2 Highway Business District
- () I-1 Industrial District
- () Other on Wood St. Re-zoned

6. Type of Use(s) - (list on separate paper if more than 1) Used to
sell musical equipment + used books (reading)

7. Building(s) size - (list on separate paper if more than 1) 1536 sq.ft.

8. Lot area 13,530 sq.ft.

9. Zoning district setback requirements

One Side yard from property line	Min. Required	___ ft.	Actual	___ ft.
Second Side yard from prop. line	Min. Required	___ ft.	Actual	___ ft.
Front yard from road right-of-way	Min. Required	___ ft.	Actual	___ ft.
Rear yard from property line	Min. Required	___ ft.	Actual	___ ft.

0. Value of Improvements ≈ 20,000⁰⁰

1. The undersigned hereby agrees to comply with all ordinances and regulations of the City of Newaygo, Newaygo County, MI, and of any other agencies or governmental units which may be involved.

2. I/we do hereby swear that the above information is true and correct to the best of my/our knowledge.

Date: 8/20/97 Applicant(s): Francis J. Middleton

Telephone: 652-7224 Home 636-5827

PLEASE ENCLOSE FIVE (5) COPIES OF THE PROPOSED SITE PLAN

PLANNING COMMISSION REVIEW

A. Compliance with Site Plan Requirements (Zoning Ordinance, Section 18.04)

() Yes () No If no, list the areas, by reference number, that are of do not comply: _____

Compliance with Review Standards

	Yes	No
Landscape Preservation	(X)	()
Relation of Buildings to Environment	()	()
Drives, Parking, & Circulation	()	()
Surface Water Drainage	()	()
Utility Service	()	()
Advertising Features	()	()
Special Features	()	()

PLANNING COMMISSION ACTION

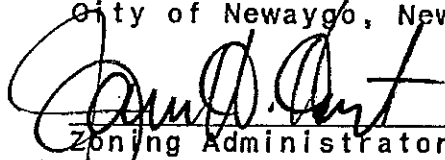
Date of Meeting 9/2/97

The attached site plan is hereby () Approved () Not Approved
the following reasons _____

or () Approved with the following conditions _____

Date: 9/2/97

Planning Commission Secretary
City of Newaygo, Newaygo County, Michigan



Zoning Administrator
City of Newaygo, Newaygo County, Michigan

Copy Distribution: Original - City Copies - Applicant, Assessor and/or Building Inspector

APPENDIX 14.5 (D)

Fire Department Records



Jon Schneider <jons@newaygocity.org>

95 West Wood Street records request

Jon Schneider <jons@newaygocity.org>

Mon, Dec 14, 2015 at 8:33 AM

To: Angela Gorsh <AngelaG@lakeshoreenvironmental.com>

Angela,
We do not have fire dept records. They are a separate entity.
To request records relating to fire you can contact:

Jason Wolford, Fire Chief
jwolford@newaygofire.com
(231) 206-5741

Jon Schneider
City Manager
City of Newaygo
231-652-1657 x211

The City of Newaygo is an equal opportunity provider and employer.

On Sun, Dec 13, 2015 at 5:06 PM, Angela Gorsh <AngelaG@lakeshoreenvironmental.com> wrote:

Attached please find a FOIA request for city assessing, building and fire department records for 95 West Wood Street, Newaygo, MI, parcel number 62-18-24-241-006.

Thank you!

Angela Thundercloud Gorsh

Administrative Assistant



588 Three Mile Road, NW, Suite 201

Grand Rapids, MI 49544

(T) 616-844-5050 ext. 231

(C) 616-644-7815

(F) 616-844-5053

www.lakeshoreenvironmental.com

From: Angela Gorsh
To: ["jwolford@newaygofire.com"](mailto:jwolford@newaygofire.com)
Subject: record request 95 West Wood Street, Newaygo, MI 49337
Date: Monday, December 14, 2015 9:44:00 AM
Attachments: [12-14-15 record request 95 West Wood Street.pdf](#)

Chief Wolford,

Attached please find a records request for 95 West Wood Street, Newaygo, MI 49337.

Thank you!

Angela Thundercloud Gorsh

Administrative Assistant



588 Three Mile Road, NW, Suite 201

Grand Rapids, MI 49544

(T) 616-844-5050 ext. 231

(C) 616-644-7815

(F) 616-844-5053

www.lakeshoreenvironmental.com

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Records Request

Date: December 14, 2015

To: Jason Wolford, Fire Chief, Newaygo Fire Department

Phone: (231) 206-5741

Email: jwolford@newaygofire.com

From: Angela Gorsh, Lakeshore Environmental, Inc.

588 Three Mile Road, Suite 201, Grand Rapids, MI 49544

Phone: (616) 844-5050

Fax: (616) 214-7890

Email: angelag@lakeshoreenvironmental.com

RE: 95 West Wood Street, Newaygo, MI 49337

I am interested in obtaining copies via email of Fire Department records for the property referenced above including:

- incident reports
- records of fires
- records of hazardous materials usage or storage
- records of any spills, releases or dumping
- records of underground or above ground storage tanks.

Please contact me at 616-844-5050 if you have any questions regarding this request.

Thank you,
Lakeshore Environmental, Inc.



Angela Gorsh

Corporate Office

803 Verhoeks Street

Grand Haven, Michigan 49417

Phone: 800.844.5050

www.LakeshoreEnvironmental.com

Grand Haven, MI

Grand Rapids, MI

Vestaburg, MI

Muskegon, MI



APPENDIX 14.5 (E)

Health Department Records

Attachment A

DISTRICT HEALTH DEPARTMENT # 10

REQUEST FOR DISCLOSURE OF PUBLIC RECORDS

Date of Request: December 14, 2015

Requester's Name: Angela Gorsh for Lakeshore Environmental, Inc.

Phone Number: 616-844-5050 Fax No: 616-844-5053

Mail Request to: emailed response preferred to **angelag@lakeshoreenvironmental.com**

Address: 588 Three Mile Road, NW, Suite 201

City: Grand Rapids State: MI Zip: 49418

Specific information being requested. If related to Environmental Health services, please list the following information: **township**, section, **street address**, property ID#, owner's name, and type of record you are requesting.

1) City of Newaygo, 95 W WOOD ST NEWAYGO, MI 49337, #18-24-241-006, MOORE MATTHEW request any environmental records

2)

Date: December 14, 2015

Signature: Angela Gorsh

Request will normally be processed within five (5) working days.

Note: You will be billed if the actual cost of responding to this request exceeds \$20.

OFFICE USE ONLY

Date request Received: _____

Request Approved By: _____

Date Approved for Released: _____

Date Request Release: _____

Number of Pages Released: _____

Charges: \$ _____

Comments:



803 Verhoeks Street, Grand Haven, Michigan 49417
616 844-5050 • 800 844-5050 • 616 844-5053 Fax

Telephone Call Record

Date: January 7, 2016
Time: 11:20 am
Initials: ATG

Contact Name: Jackie
Company Name: Newaygo County Environmental Health
Phone Number: _____
Project Name: _____
Project Number 15-3182-01

Call to: X
Call From:
Return Call:

Newaygo County Environmental Health has no records for 95 West Wood Street, Newaygo.

APPENDIX 14.5 (F)

Department of Environmental Quality Records

From: [DEQFOIA](#)
To: [Angela Gorsh](#)
Subject: Request for Disclosure of Official Files
Date: Tuesday, December 15, 2015 1:30:35 PM

Ms. Angela Gorsh
Lakeshore Environmental, Inc.
588 Three Mile Road NW, Suite 201
Grand Rapids, MI 49544

Dear Ms. Gorsh:

SUBJECT: Request for Disclosure of Official Files - Resource Management Group

This notice is issued in response to your request for information under the Freedom of Information Act, 1976 PA 442, as amended (FOIA), received on December 14, 2015. You have requested the following information: 95 West Wood Street, Newaygo (FOIA 1328-16).

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the documents described above is denied.

To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Under section 10 of the FOIA, the DEQ is obligated to inform you of the following:

- 1) Appeal this decision in writing to the Director of the Department of Environmental Quality, P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal," and identify the basis for which the disclosure determination should be reversed. The Director of the DEQ, or his/her delegated designee, must respond to the appeal within 10 days of its receipt. Under unusual circumstances, the time for response to the appeal may be extended by 10 business days.
- 2) Commence a civil action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

Susan Vorce, FOIA Coordinator
Department of Environmental Quality
800-662-9278
deqfoia@michigan.gov

The DEQ strives to continually improve its customer service to FOIA requestors. To provide input for improvements to the FOIA process, please complete this survey: <https://www.surveymonkey.com/s/foiaprocess>

From: [Sage, Catherine \(DEQ\)](#)
To: [Angela Gorsh](#)
Subject: FOIA Request - Wood [FOIA#1328-16]
Date: Monday, December 21, 2015 12:37:05 PM
Attachments: [image001.png](#)

Dear Angela,

I just wanted to let you know that the Grand Rapids District Office, Remediation and Redevelopment Division, does not have any information pertaining to your request for the above site(s).

Sincerely,

Catherine Sage

Secretary/FOIA Liaison | ☎ 616-356-0289
Remediation & Redevelopment Division - Grand Rapids
Michigan Department of Environmental Quality
350 Ottawa Avenue, NW, Unit #10
Grand Rapids, Michigan 49503



From: [DEQFOIA](#)
To: [Angela Gorsh](#)
Subject: Request for Disclosure of Official Files –Remediation and Redevelopment Division
Date: Monday, December 21, 2015 4:07:37 PM

Ms. Angela Gorsh
Lakeshore Environmental, Inc.
588 Three Mile Road NW, Suite 201
Grand Rapids, MI 49544

Dear Ms. Gorsh:

SUBJECT: Request for Disclosure of Official Files –Remediation and Redevelopment Division

This notice is issued in response to your request for information under the Freedom of Information Act, 1976 PA 442, as amended (FOIA), received on December 14, 2015. You have requested the following information: 95 West Wood Street, Newaygo (FOIA 1328-16).


The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the documents described above is denied.

To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Under section 10 of the FOIA, the DEQ is obligated to inform you of the following:

- 1) Appeal this decision in writing to the Director of the Department of Environmental Quality, P.O. Box 30473, Lansing, Michigan 48909-7973. The writing must specifically state the word "appeal," and identify the basis for which the disclosure determination should be reversed. The Director of the DEQ, or his/her delegated designee, must respond to the appeal within 10 days of its receipt. Under unusual circumstances, the time for response to the appeal may be extended by 10 business days.
- 2) Commence a civil action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements, and possible damages.

Rose Woosley, FOIA Liaison
Office of Environmental Assistance
Department of Environmental Quality
800-662-9278
deqfoia@michigan.gov



APPENDIX 14.5 (G)

Department of Licensing and Regulatory Affairs Records

From: lara-bfsfoia
To: [Angela Gorsh](mailto:Angela.Gorsh)
Subject: RE: 95 West Wood Street, Newaygo, Newaygo Co.
Date: Tuesday, December 15, 2015 3:50:42 PM

Angela Gorsh: In response to your December 13, 2015 Freedom of Information Act (FOIA), MCL 15.231 et seq., request I have researched the following address: 95 West Wood Street, Newaygo, Newaygo County, Michigan in the Storage Tank Database. I did not locate any evidence of Registered Storage Tanks at this address. Pursuant to MCL 15.235, Section 5 (4)(b) of the Michigan FOIA, I certify that to the best of my knowledge, information, and belief that the records requested do not exist within this Department under the name given by you, or other reasonably known names.

Effective December 2, 2012, the Aboveground & Underground Storage Tank Regulatory programs were transferred from the DEQ to the Department of Licensing and Regulatory Affairs (DLARA). The Leaking Underground Storage Tank cleanup program remains in the DEQ.

For all FOIA requests related to the Leaking Underground Storage Tank programs and Remediation, you may wish to submit your request directly to DEQFOIA@michigan.gov.

If you have any questions please feel free to contact me at lucasj@michigan.gov or (517) 335-7279.

“MCL 15.240, Section 10 of the state’s FOIA provides that you may (1) submit a written appeal regarding the denial of any portion of your FOIA request to Mike Zimmer, Director, LARA, Attention: Wanda Stokes, Deputy Director and FOIA Appeals Officer, 4th Floor, P.O. Box 30004, Lansing, MI 48909. Your appeal must include the word “appeal” and identify the reason(s) for reversal of any disclosure denial(s); or (2) you may seek judicial review in an appropriate Michigan court within 180 days after this notice. If you prevail in court action, the court may award you reasonable attorney fees, costs, and disbursements. If the court finds the LARA’s actions to be arbitrary and capricious, the court shall award you, in addition to any actual or compensatory damages, punitive damages in the amount of \$500.00.” Jim Lucas

From: Angela Gorsh [mailto:AngelaG@lakeshoreenvironmental.com]
Sent: Sunday, December 13, 2015 5:14 PM
To: DEQFOIA; lara-bfsfoia
Subject: 95 West Wood Street, Newaygo, Newaygo Co.

Attached please find a request for 95 West Wood Street, Newaygo, Newaygo Co.

Thank you!

Angela Thundercloud Gorsh

Administrative Assistant



588 Three Mile Road, NW, Suite 201

Grand Rapids, MI 49544

(T) 616-844-5050 ext. 231

(C) 616-644-7815

(F) 616-844-5053

www.lakeshoreenvironmental.com

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APPENDIX 14.6

HISTORICAL RESEARCH DOCUMENTATION

15-3182-01

95 West Wood Street
Newaygo, MI 49337

Inquiry Number: 4487630.9

December 14, 2015

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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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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Date EDR Searched Historical Sources:

Aerial Photography December 14, 2015

Target Property:

95 West Wood Street

Newaygo, MI 49337

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	AAA
1952	Aerial Photograph. Scale: 1"=500'	Flight Year: 1952	PMA
1958	Aerial Photograph. Scale: 1"=500'	Flight Year: 1958	CSS
1965	Aerial Photograph. Scale: 1"=500'	Flight Year: 1965	ASCS
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1981	Aerial Photograph. Scale: 1"=600'	Flight Year: 1981	NHAP
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP