



**JOINT MEETING AGENDA**  
CHARTER TOWNSHIP OF MERIDIAN  
PARK COMMISSION  
LAND PRESERVATION ADVISORY BOARD  
MERIDIAN SERVICE CENTER  
October 26, 2017

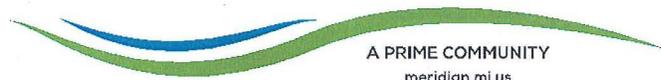


1. CALL MEETING TO ORDER
2. INTRODUCTIONS
3. APPROVAL OF AGENDA
4. PUBLIC COMMENT
5. OPENING COMMENTS BY BOTH CHAIRS
6. COMMUNICATIONS
7. STAFF REPORTS
  - A. Parks
  - B. Land Preservation
8. FRIEND OF THE PARK VOLUNTEER RECOGNITION - COLLABORATION
9. POTENTIAL JOINT PROJECT
  - A. Potter Land Preserve-Lake Lansing Marsh-Spengler Marsh
10. STEWARDSHIP ACTIVITIES
  - A. Hemlock woolly adelgid
  - B. Oak Wilt
11. EXPANDED SURVEY AND STUDY
  - A. MSU, MNFI, Others
    1. Emerald Ash Borer
    2. Deer Movement Patterns
    3. Environmental Sustainability
    4. Class Presentations and Engagement
    5. Project Fish Projects
    6. Place Based Learning Opportunities
    7. Vernal Pool Mapping and Study
12. CLOSED SESSION
  - B. Property Consideration
13. FINAL COMMENTS
14. PUBLIC COMMENT
15. ADJOURNMENT

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Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Park Commission by contacting: Director LuAnn Maisner, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4600 - Ten Day Notice is required.

Providing a safe and welcoming, sustainable, prime community



A PRIME COMMUNITY  
meridian.mi.us

Park Commission  
and  
Land Preservation Advisory Board  
Joint Meeting

October 26, 2017

6. Communications



Meridian Township  
5151 Marsh Road  
Okemos, MI 48864

P 517.853.4000  
F 517.853.4096

**Township Board:**

**Ronald J. Styka**  
*Supervisor*

**Brett Dreyfus**  
*Township Clerk, CMMC*

**Julie Brixie**  
*Treasurer*

**Phil Deschaine**  
*Trustee*

**Patricia Herring  
Jackson**  
*Trustee*

**Dan Opsommer**  
*Trustee*

**Kathy Ann Sundland**  
*Trustee*

**Frank L. Walsh**  
*Township Manager*

## Meridian Township Parks and Recreation

### VISION STATEMENT

Creating Community through People, Parks and Programs

### MISSION STATEMENT

To enhance the quality of life for Township residents and visitors by providing diverse park facilities and recreation opportunities where participants are able to learn and play; create and imagine; and be safe and secure utilizing qualified, professional staff and volunteers emphasizing community interaction.

## Meridian Township Land Preservation Advisory Board

### VISION STATEMENT

Protecting and Preserving Open Space and Special Natural Features throughout the Township

### MISSION STATEMENT

To protect, preserve and enhance the Township's open space and special natural features; to serve additional public purposes through the purchase of property or interests in property for open space, enhancement of the natural habitat and water quality, and the establishment of a reserve fund to ensure that funding is available for the perpetual stewardship of these lands; to leave an important natural legacy for future generations; and to take deliberate steps to ensure the continuation of a pleasant and livable community that will benefit our residents, visitors, and the local economy by employing a variety of techniques that will allow areas of natural landscape to remain in perpetuity throughout the Township.

Charter Township of Meridian  
Thursday, October 19, 2017

## Chapter 54. Parks and Recreation

**Cross references:** Outdoor assemblies, § 38-186 et seq.; streets, sidewalks and other public places, ch. 58; vegetation, ch. 82.

**State law reference:** Township parks, MCL 42.1, 41.421 et seq.

### Article I. In General

§ 54-1. through § 54-25. (Reserved)

### Article II. Public Conduct in Parks

§ 54-26. Definitions.

[Code 1974, § 34-2]

The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

#### **CAMPING**

The overnight lodging or sleeping of a person or persons on the ground or in any manner or in a sleeping bag, tent, trailer-tent, trailer coach, vehicle camper, motor vehicle, or in any other conveyance erected, parked, or placed within any park.

#### **COMMISSION**

The Charter Township of Meridian Park Commission.

#### **MOTOR VEHICLE**

Any vehicle which is self-propelled by any means whatever, including all devices in, upon, or by which any person or property may be transported or drawn, excluding wheelchairs or other ambulatory assistance devices or devices moved exclusively by human power.

#### **PARKING**

Permitting a vehicle to remain standing, whether occupied or not, when not loading or unloading.

#### **PARKING AREA**

Any off-street area, whether paved or not, which is designated for public parking.

#### **PARK, PARK PROPERTY and TOWNSHIP PARK PROPERTY**

Any property owned by the Township and delineated as a park or natural area in the Township's community park and recreation plan.

#### **RULES AND REGULATIONS**

Written rules and regulations and any amendments thereto concerning the use and maintenance of Township park property, adopted by the commission and approved by the Township Board, copies of which are available to the public at the Township parks office and the Clerk's office.

**Cross reference:** Definitions generally, § 1-2.

## § 54-27. Ordinance interpretation.

[Code 1974, § 34-27]

The commission shall be the body responsible for the interpretation of this article. A decision of the commission concerning an interpretation of this article may be appealed to the Township Board within 10 days of the date of the decision.

## § 54-28. Emergency powers.

[Code 1974, § 34-26]

The Township may establish emergency rules necessary to protect the health, welfare, and safety of park visitors and to protect park property, including, but not limited to, ordering all persons off park property, and closing all or any portion of a park.

## § 54-29. Township park personnel.

[Code 1974, § 34-25]

Nothing contained in this article shall be construed as prohibiting Township employees or agents from performing work or activities at any Township park at a time and in a manner directed by the Township.

**Cross reference:** Officers and employees, § 2-51 et seq.

## § 54-30. Special park use permits.

[Code 1974, § 34-3]

- (a) The commission or its designee may grant a permit for a special park use which otherwise is prohibited by this article when, in its discretion, the commission or its designee determines that adequate sanitary and safety precautions will be taken, that the activity will not unreasonably interfere with the use of the park and neighboring property by others, and that there is adequate security against damages to the Township.
- (b) An activity which involves an exhibition or performance which may reasonably be expected to cause large numbers of persons to congregate shall be considered a special park use requiring a permit under this section. Outdoor gatherings of persons in excess of 500 in number must also comply with the provisions of Chapter 38, Article V, regulating to outdoor assemblies.
- (c) Application for a special park use permit shall be made 45 days in advance of the time of any special park use being requested.

## § 54-31. Fees and charges.

[Code 1974, § 34-4]

Fees and charges may be assessed for the use of any park facility, land, area, or program in accordance with the rules and regulations on park user fees.

## § 54-32. Hours.

[Code 1974, § 34-5]

No person shall remain upon park property between sundown and sunrise except by a special park use permit.

## § 54-33. Reservation of facilities.

[Code 1974, § 34-6]

A group or gathering of 10 or more persons may use an area within a park, to the limited exclusion of others, only by a special park use permit in accordance with the rules and regulations on reservations. The use of any athletic field within park property for organized competition or practice shall be by special park use permit.

## § 54-34. Destruction of park property.

[Code 1974, § 34-7; Ord. No. 2003-02, 1-7-2003]

No person on Township park property shall damage, deface, destroy, or remove any shrub, tree, flower, or natural resource or other public property or throw or deposit trash or litter on park property except in designated containers. Any violation of this section is a misdemeanor punishable as provided by this Code.

## § 54-35. Park wildlife.

[Code 1974, § 34-8; Ord. No. 2003-02, 1-7-2003]

No person on Township park property shall hunt, trap, catch, wound, or kill or attempt to trap, catch, wound, or kill any bird or animal or molest or rob any nest of any bird or any lair, den, or burrow of any animal. Fishing shall be allowed in a Township park, subject to all state and local laws. Any violation of this section is a misdemeanor punishable as provided by this Code.

**Cross reference:** Animals, ch. 10.

## § 54-36. Firearms and other weapons.

[Code 1974, § 34-9; Ord. No. 2003-02, 1-7-2003]

No person shall, at any time, bring upon the Township park property, nor possess or discharge anywhere upon such property, any firearm of any description, or air-rifle, spring gun, bow and arrow, sling, or any other form of weapon potentially dangerous to wildlife and human safety, or any instrument that can be loaded with and fire blank cartridges, or any kind or trapping device. Shooting into park property from beyond park boundaries is prohibited. This section however, shall not apply

to any duly appointed law enforcement officer while carrying out the duties and responsibilities of their position. Any violation of this section is a misdemeanor punishable as provided by this Code.

## § 54-37. Dogs and other pets.

[Code 1974, § 34-10]

- (a) Permitted. Dogs and other pets may be brought upon park property, unless posted otherwise.
- (b) Control. Any dog on park property shall be upon a leash of six feet or less, unless posted otherwise, and shall be under the immediate control of a competent person at all times.
- (c) Removal of feces. Any person having custody of a dog on park property shall immediately remove all feces deposited by such dog on any public footpath, athletic field or other area frequented by the public, and shall dispose of same in a sanitary manner.
- (d) Public buildings. No dog or pet shall be allowed to enter any public building.
- (e) Application to guide, service, or leader dogs. This section does not prohibit the use of guide dogs, service dogs, or leader dogs as provided and defined in § 502c of the Michigan Penal Code (MCL § 750.502c).

## § 54-38. Bicycles.

[Code 1974, § 34-11]

Bicycles may be ridden in any Township park, unless posted otherwise. Bicycles ridden on park property shall remain upon designated paths, trails, or roadways.

## § 54-39. Motor vehicle traffic and parking.

[Code 1974, § 34-12]

- (a) No person shall operate or park any motor vehicle of any kind, including snowmobiles and motorcycles, except maintenance and security vehicles, upon any park land, including public footpaths, except on public roads and designated parking areas.
- (b) No person shall leave, or cause to be left, any motor vehicle upon park property when the park is closed. Members of the Township department of public safety are authorized to remove any such motor vehicle at the owner's expense.

**Cross reference:** Traffic and vehicles, ch. 74.

## § 54-40. Horses and other draft animals.

[Code 1974, § 34-13]

A horse or other draft animal may be brought upon park property, unless posted otherwise, as long as the horse or draft animal is under the immediate control of a competent person at all times. No person shall ride a horse on park property in a careless, negligent, or reckless manner so as to endanger persons or property.

**Cross reference:** Animals, ch. 10.

## § 54-41. Camping.

[Code 1974, § 34-14]

No person shall camp in a Township park, except in an area designated for such purpose, and in accordance with the rules and regulations on camping in parks and public grounds.

## § 54-42. Fires.

[Code 1974, § 34-15; Ord. No. 2003-02, 1-7-2003]

(a) The following provisions shall govern fires in the Township's parks:

- (1) No person shall willfully set or cause to be set on fire any tree, woodland, brushland, grassland, or meadow within park property.
- (2) No person shall drop, throw, or otherwise scatter lighted matches, burning cigars, cigarettes, tobacco paper, or other flammable materials within park property.
- (3) No person shall build any fire within park property except in designated grills, firepits, receptacles, or open spaces designated for such purpose. All cooking within park property shall be restricted to Township supplied grills.
- (4) Fires within park property shall not be left unattended. All fire shall be extinguished upon leaving the immediate vicinity.
- (5) Fires within park property are subject to the conditions and restrictions of the Township's burning ordinance.

(b) A violation of Subsection 54-42(a)(1) is a misdemeanor punishable as provided by this Code.

**Cross reference:** Fire prevention and protection, ch. 26.

## § 54-43. Fireworks.

[Code 1974, § 34-16; Ord. No. 2003-02, 1-7-2003]

No person shall fire, discharge, or have in their possession any rocket, firecracker, torpedo, squib, or other firework or any substance of an explosive nature within park property. Any violation of this section is a misdemeanor punishable as provided by this Code.

**Cross reference:** Fireworks, § 26-1.

## § 54-44. Swimming.

[Code 1974, § 34-17]

No person shall swim or bathe in any drain or pond located within park property.

## § 54-45. Boating.

[Code 1974, § 34-18]

No person shall bring, use, or navigate any boat, canoe, raft, or other watercraft upon any drain or pond located within park property, except at such times and in such places as may be designated for such purpose.

### § 54-46. Model airplanes.

[Code 1974, § 34-19]

No person shall operate a motorized model airplane on Township park property.

### § 54-47. Loudspeakers.

[Code 1974, § 34-20]

No person shall use a loudspeaker, public address system, or amplifier within park property without a special park use permit.

### § 54-48. Skating and coasting.

[Code 1974, § 34-21]

No person shall skate, walk, or go upon any ice upon any drain or pond within park property, except at such times and in such places as may be designated therefor. No person shall coast with a hand-sled, bob, cart, or other vehicle on wheels or runners on park property, except at such times and in such places as may be designated therefor.

### § 54-49. Peddling and soliciting.

[Code 1974, § 34-22]

No person on park property shall peddle or solicit business of any nature whatsoever, distribute handbills or other advertising matter, post any unauthorized sign on any park land, water, structure, or property, or use such land, water, structure, or property for peddling or soliciting without a special park use permit.

### § 54-50. Unlawful obstruction.

[Code 1974, § 34-23]

No person shall by force, threat, intimidation, unlawful fencing, or enclosing, or by any other means, prevent any person from entering, leaving, or making full use of any park property. This section, however, shall not apply to any duly appointed law enforcement officer when carrying out the duties and responsibilities of his position.

### § 54-51. Installations, construction, or maintenance.

[Code 1974, § 34-24]

No installation, construction, or maintenance shall be made above or below ground, across or beneath Township park property by any person, except duly authorized park personnel, without the prior written permission of the Township for such installation, construction, or maintenance specifying in detail the work to be done and any conditions to be met.

Charter Township of Meridian  
Thursday, October 19, 2017

## Chapter 22. Environment

### ARTICLE III. Land Preservation Program

#### DIVISION 1. Generally

##### § 22-56. Definitions.

[Ord. No. 2001-15, 11-8-2001; Ord. No. 2007-15, 12-16-2007]

The following words, terms, and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

##### **CAMPING**

The overnight lodging or sleeping of a person or persons on the ground or in any manner or in a sleeping bag, tent, trailer-tent, trailer coach, vehicle camper, motor vehicle, or in any other conveyance erected, parked, or placed within any land preservation property.

##### **CONSERVATION EASEMENT**

An interest in land or property that limits the use of land or a body of water or requires or prohibits certain acts on or with respect to the land or body of water stated in the form of a legal instrument executed by or on behalf of the owner of the land or body of water which interest is in furtherance of the retention and maintenance of the land or body of water, including improvements on the land or body of water, predominately in its natural, scenic, or open condition, or in an agricultural, farming, open space, or forest use or similar use or condition.

##### **ECOLOGICAL REVIEW**

Review of land and its natural features during the application process as outlined in the rules of procedure.

##### **ELIGIBLE LAND**

Land, including its natural features, eligible to be acquired under this article as outlined in the rules of procedure adopted by the advisory board for the purchase of property or interests in property with funds as authorized pursuant to this article.

##### **ENVIRONMENTAL SITE ASSESSMENT**

The process used to determine the possible presence of petroleum products or other hazardous substances on a parcel of land per the American Society of Testing and Materials (ASTM).

##### **GOVERNMENTAL AGENCY**

The United States or any agency thereof, the state or any agency thereof, any county, Township, city or municipal corporation.

**LAND PRESERVATION ADVISORY BOARD**

The board overseeing the land preservation program.

**LAND PRESERVATION PROPERTY**

Any property acquired through the land preservation program currently owned by the Township and delineated as a land preservation property.

**LAND SCREENING CRITERIA**

The criteria to be used as guidance to evaluate properties for consideration to be purchased by the Township pursuant to this article. The land screening criteria are outlined in the advisory board rules of procedure.

**MONITORING**

The review of property or interests in property acquired under this article to ensure the integrity of the purposes of such acquisition under the land preservation program. Monitoring includes compliance with agreement and status of stewardship objectives as provided to staff by the advisory board. Monitoring does not include the maintenance or enhancement of property interests.

**NATURAL FEATURES**

Characteristics or conditions on land including, but not limited to, open spaces, woodlands, wetlands, lakes, streams, floodplains, wildlife habitat, and other sensitive environmental areas.

**OPEN SPACE**

Land currently undeveloped or unimproved or substantially undeveloped or unimproved, regardless of size and ownership.

**PARKING**

Permitting a vehicle to remain standing, whether occupied or not, when not loading or unloading.

**PARKING AREA**

Any off-street area, whether paved or not, which is designated for public parking.

**PROPERTY**

Contiguous property, properties, or portions of property under the same ownership that is included in an application.

**PROPERTY INTEREST**

Fee simple ownership or any lesser interest in property.

**STEWARDSHIP**

The careful and perpetual management, maintenance, and habitat improvement efforts, on behalf of the citizens, for land acquired through the land preservation program and in a manner pursuant to this article.

**VEHICLE**

Any device, motorized or otherwise propelled, which is designed for or used to carry a person(s) or thing(s) along the ground or in the air from one place to another.

**Cross reference:** Definitions generally, § 1-2.

§ 22-57. Established.

[Ord. No. 2001-15, 11-8-2001]

The Township hereby establishes a land preservation program for the purpose of obtaining lands or interests in lands in the Township for the protection and preservation of open space and special natural features throughout the Township. The program's policies and rules are adopted in this article.

## § 22-58. Purpose.

[Ord. No. 2001-15, 11-8-2001]

This article is adopted for the following purposes:

- (1) To protect, preserve and enhance the Township's open space and special natural features.
- (2) To serve additional public purposes through the purchase of property or interests in property for open space, enhancement of the natural habitat and water quality, and the establishment of a reserve fund to ensure that funding is available for the perpetual stewardship of these lands.
- (3) To leave an important natural legacy for future generations.
- (4) To take deliberate steps to ensure the continuation of a pleasant and livable community that will benefit our residents, visitors, and the local economy by employing a variety of techniques that will allow areas of natural landscape to remain in perpetuity throughout the Township.

## § 22-59. Authorizations.

[Ord. No. 2001-15, 11-8-2001]

The following provisions are authorizations given to the Township under the land preservation program:

- (1) The Township Board is authorized to expend land preservation millage tax revenues to acquire property or interests in property as recommended by the advisory board for achieving goals set forth in this article.
- (2) Any property interest obtained under this article may either be through fee simple ownership or the purchase of conservation easements or any lesser interest, covenants, or other rights. An acquisition by the Township under this article may be accomplished by purchase, gift, grant, bequest, devise, covenant, contract, or otherwise in accordance with state law.
- (3) The collected land preservation millage tax revenues may be used to acquire such property interests upon the recommendation of the advisory board.
- (4) The Township is authorized to enter into cash purchase, installment purchase contracts, or tax exempt installment purchase agreements as consistent with applicable law. When installment purchases are made, the Township is authorized to pay interest on the declining unpaid principal balance at a legal rate of interest consistent with prevailing market conditions at the time of execution of the installment contract or such lesser amount as may be negotiated, and adjusted for the tax-exempt status of such interest.
- (5) The Township, for the benefit of its citizens, shall hold property interest acquired pursuant to this article in trust in perpetuity, except under the following conditions:
  - a. Exchange of property. The Township Board, upon the recommendation of the advisory board and by a two-thirds majority vote of the Township Board membership, may determine that a property interest acquired under this article should be exchanged for

other eligible lands within the Township as outlined in the advisory board rules of procedure.

Property to be obtained by the Township through the exchange shall be approved in the same manner as acquisition of properties as provided for in this article.

- b. Sale of property interests. Land enrolled in the land preservation program may be sold in accordance with the following guidelines:
  1. The Township Board, upon the recommendation of the advisory board and by a two-thirds majority vote of the Township Board membership, may submit to the voters of the Township a proposition to approve of the disposition of a property interest acquired pursuant to this article if such property interest no longer serves the purpose of the land preservation program as outlined in § 22-58. Only upon a 75% vote of the duly registered electors voting in such election approving such disposition can the Township dispose of a property interest. Proceeds of the disposition shall only be used for the acquisition of property interests pursuant to this article.
  2. Notwithstanding subsection (5)b.1 of this section where the Township acquires property, a portion of which is improved or otherwise inconsistent with the purposes of the land preservation program, this article authorizes the sale of that portion of the property in accordance with state law. Any sale of property under these conditions requires a two-thirds majority vote of the Township Board membership.
- (6) Where the Township acquires a property interest that is improved, this article authorizes removal or destruction of the improvement if consistent with the purpose of this article.
- (7) The Township Board shall budget sufficient funds from the general fund on an annual basis for monitoring of all property interests acquired under this article. Monitoring shall be carried out by Township staff under the direction of the Township Manager. The general fund shall cover any staffing obligations for monitoring not otherwise specified in this article.

## § 22-60. Dissolution.

[Ord. No. 2001-15, 11-8-2001]

- (a) It is the intent of this article that should the advisory board be dissolved, the park commission shall be responsible for the continued oversight of the land preservation program and its remaining funds.
- (b) If the land preservation program is dissolved, all monies remaining within any account holding land preservation millage funds, or any interest derived from such funds, shall be deposited in an account for the sole purpose of fulfilling the intent of the original land preservation millage. Appropriate expenditures of such funds after dissolution of the land preservation program include contract responsibilities, continued acquisition, improvement of natural habitat, and the perpetual stewardship responsibilities of land previously enrolled in the land preservation program.

## § 22-61. Application; selection; purchase process.

[Ord. No. 2001-15, 11-8-2001]

- (a) Application form. A property owner, or his designee, interested in submitting his property for consideration shall complete the land preservation application form. Application forms shall be

obtained from, and completed applications shall be submitted to, the office of the Township Clerk.

- (b) Receipt and review. Applications may be received at any time and will be reviewed on a quarterly basis. At the end of each quarter, the clerk shall forward all completed applications or copies thereof to the advisory board. The advisory board shall perform an initial review of the applications to determine whether the property involved meets the initial criteria outlined in the land preservation advisory board rules of procedure. The initial review shall take place within 60 days of the end of the quarter. The advisory board shall cause an ecological review of each property to be performed for those applications meeting the initial criteria.
- (c) Evaluation and recommendation. After an ecological review is performed, the results of the review shall be reported to the advisory board. The advisory board shall then perform a final evaluation of the properties consistent with the land screening criteria outlined in the land preservation advisory board rules of procedure, and make a determination as to the property interest which should be recommended to the Township for acquisition.
- (d) Approval of Planning Commission. A list of the property interests recommended by the advisory board for acquisition shall be forwarded to the Planning Commission for approval of revisions to the Township's comprehensive development plan as required in MCL § 125.39. If the Planning Commission does not approve, the advisory board may seek approval of the Township Board as outlined in MCL § 125.39.
- (e) Appraisals, etc.; negotiations. Upon the approval of the Planning Commission, or if necessary the Township Board, the advisory board may order appraisals, title work, and surveys for the property interest recommended for acquisition and may undertake negotiations with the property owner to arrive at an agreed upon compensation consistent with the rules of procedure. No appraisal shall be required by the advisory board for donated property.
- (f) Final action. After negotiations have been completed with all recommended property interests, the Township Board shall review recommendations submitted by the advisory board and shall take the final action by majority vote on whether to purchase a property interest or accept a donated parcel at a regularly scheduled or special meeting.
- (g) Necessary actions to acquire. The advisory board shall take all actions necessary to acquire the property interest upon the approval of the Township Board, and shall record all necessary documents with the county register of deeds.
- (h) Environmental site assessment. An environmental site assessment shall be authorized by the Township Manager and conducted on behalf of the Township before completing the purchase or accepting the donation of any property interest.

## § 22-62. Land preservation acquisition fund.

[Ord. No. 2001-15, 11-8-2001]

- (a) Seventy-five percent of the annual land preservation millage funds, as passed November 7, 2000, shall be deposited upon receipt in a separate account of the Township (hereafter referred to as the land preservation acquisition fund). Money in the land preservation acquisition fund may be temporarily deposited in such institutions or invested in such obligations as may be lawful for the investment of Township money; provided, that such deposit or investment does not render those funds unavailable as may be necessary to carry out the purpose and intent of this article.
- (b)

The revenue from the millage and any interest received from the deposit or investment of such revenue shall be applied and used solely for the purposes set forth in this article.

- (c) The land preservation acquisition fund shall only be used for the acquisition of property interests and the associated costs of acquisition.
- (d) The Township Treasurer shall provide the advisory board and the Township Board a written account of funds available by April 1 of each year, and at such other times as may be requested by the advisory board or Township Board.

## § 22-63. Land preservation reserve fund.

[Ord. No. 2001-15, 11-8-2001]

- (a) Twenty-five percent of the annual land preservation millage funds, as passed November 7, 2000, shall be deposited upon receipt in a separate account of the Township (hereafter referred to as the land preservation reserve fund). Money in the land preservation reserve fund shall be invested in such obligations as may be lawful for the investment of Township money.
- (b) Interest, but not the principal, of the land preservation reserve fund, shall be used for maintenance, habitat improvement and other stewardship activities associated with property interests acquired under this article.
- (c) The principal may be used after the life of a land preservation millage for land acquisition or other extraordinary purposes related to the purpose of the land preservation millage only by a two-thirds vote of the land preservation advisory board membership and a two-thirds vote of the Township Board membership.
- (d) The Township Treasurer shall provide the advisory board and the Township Board a written account of funds available by April 1 of each year, and at such other times as requested by the advisory board or Township Board.

## § 22-64. Land preservation supplemental funds.

[Ord. No. 2001-15, 11-8-2001]

- (a) Funds from other governmental agencies or private sources may become available to pay a portion of the cost of purchasing property interests. The Township Board is hereby authorized to make application for and utilize such funds in accordance with the applicable laws or governing terms.
- (b) The advisory board will monitor opportunities to apply for such funds and will submit grant applications to the appropriate granting agencies to ensure that millage funds are supplemented to the greatest extent possible.

## § 22-65. Ordinance interpretation.

[Ord. No. 2007-15, 12-16-2007]

The land preservation advisory board shall be the body responsible for the interpretation of this article. A decision of the land preservation advisory board concerning an interpretation of this article may be appealed to the Township Board within 10 days of the date of the decision.

## § 22-66. Emergency powers.

[Ord. No. 2007-15, 12-16-2007]

The land preservation advisory board may establish emergency rules necessary to protect the health, welfare, and safety of land preservation property visitors and to protect land preservation property. Land preservation management personnel, pursuant to such emergency rules, may order all persons off land preservation property, and close all or any portion of a land preservation property.

## § 22-67. Township land preservation personnel.

[Ord. No. 2007-15, 12-16-2007]

Nothing contained in this article shall be construed as prohibiting Township employees or agents from performing work on land preservation property at a time and in a manner directed by the land preservation advisory board or Township through its land management personnel.

## § 22-68. through § 22-85. (Reserved)

## DIVISION 2. Advisory Board

[1] *Cross reference: Boards and commissions, § 2-171 et seq.*

## § 22-86. Establishment.

[Ord. No. 2001-15, 11-8-2001]

A land preservation advisory board ("advisory board") is established to oversee and make recommendations to the Township Board for furthering the Township's land preservation program as provided for in this article.

## § 22-87. Membership.

[Ord. No. 2001-15, 11-8-2001]

- (a) Number and composition. The land preservation advisory board shall be comprised of eight members:
- (1) One Township Board member appointed by the Township Board.
  - (2) One environmental commission member appointed by the environmental commission.
  - (3) One park commission member appointed by the park commission.
  - (4) Five resident members appointed by the Township Supervisor subject to a majority vote of the Township Board membership.

An effort will be made to ensure the advisory board includes individuals with expertise in land purchase or negotiation and the environmental features to be preserved. Resident members shall not hold any other Township office or appointment.

(b)

Terms of office. Resident members appointed to the advisory board shall be appointed to four-year terms. Resident members shall not serve more than two consecutive four-year terms. During the first appointment process two resident members will be appointed to a two-year term, two resident members will be appointed to a three-year term, and one resident member will be appointed to a four-year term. Members appointed by the Township Board, environmental commission, or park commission shall serve only so long as they remain a member of the Township Board, environmental commission, or park commission. All first appointed members shall be appointed within 30 days after the effective date of the ordinance from which this section is derived. No member shall serve after he or she ceases to be a Township resident.

- (c) Conflict of interest. No member of the advisory board shall discuss or vote on property for which a conflict of interest exists. A conflict of interest exists where an advisory board member:
  - (1) Has a direct or indirect financial or personal interest in the property.
  - (2) Is an adjacent property owner.
  - (3) Is a relative of the property owner or relative of an adjacent property owner.
  - (4) Is an employee of a company with financial interest in the property.
- (d) When positions considered vacant. A position on the advisory board shall be considered vacated:
  - (1) Upon the expiration or nonreappointment of an elected or appointed official's term of office.
  - (2) Upon Township Board acceptance of a resignation letter.
  - (3) Upon removal of an advisory board member.
  - (4) When an advisory board member is no longer a resident of the Township.
- (e) Filling vacancies. A vacancy shall be filled for the remainder of an unexpired term as follows:
  - (1) A vacancy shall be filled by appointment by the board or commission which appointed the representative member creating the vacancy.
  - (2) A resident member vacancy other than through the expiration of a term shall be filled for the unexpired term by the Township Supervisor, subject to approval by a majority vote of the Township Board membership.
- (f) Removal. A member of the advisory board may, after a public hearing, be removed by the Township Supervisor for inefficiency, neglect of duty, or malfeasance in office, which may include, but is not limited to, failure to declare a conflict of interest as provided in this article or absence at three consecutive meetings of the advisory board without reasonable explanation.

## § 22-88. Rules of procedure.

[Ord. No. 2001-15, 11-8-2001]

The advisory board shall adopt rules for the transaction of business and the selection of property or interests in property acquired under this article.

## § 22-89. Duties.

[Ord. No. 2001-15, 11-8-2001]

The duties of the advisory board shall include the following:

- (1) Establish a process to actively encourage, identify, and review potential properties or interests in property for acquisition as provided in this article.
- (2) Review applications of property or interests in property presented for consideration for acquisition by the Township through the land preservation funds and make recommendations to the Township Board.
- (3) Review activities of the Township to identify inconsistencies with the stated purposes of the land preservation program.
- (4) Develop procedures, guidelines, and an individualized stewardship plan for each property interest and provide this information to Township staff responsible for monitoring the property interests acquired pursuant to this article.
- (5) Submit a written report annually to the Township Board.
- (6) Assume such other duties related to the land preservation program as may be assigned by the Township Board.

## § 22-90. through § 22-93. (Reserved)

## DIVISION 3. Public Conduct

### § 22-94. Hours.

[Ord. No. 2007-15, 12-16-2007]

No person shall be on land preservation property earlier than one hour before sunrise or later than one hour after sundown. Anyone wishing extended hours usage may make the request to the land preservation advisory board.

### § 22-95. Destruction of land preservation property.

[Ord. No. 2007-15, 12-16-2007]

No person on land preservation property shall damage, deface, destroy, throw or deposit trash or litter on land preservation property. No person shall remove any shrub, tree, flower, or natural resource except as authorized from time to time by the Township through its land management personnel upon such terms as recommended by the land preservation advisory board for the purpose of:

- (1) Controlling or eliminating nonnative species;
- (2) Controlling the overpopulation of species;
- (3) Preserving public health; or
- (4)

Promoting or preserving the integrity, quality, and function of the ecological resources of land preservation property.

Any violation of this section is a municipal civil infraction punishable as provided by this Code.

## § 22-96. Land preservation wildlife.

[Ord. No. 2007-15, 12-16-2007; Ord. No. 2012-07, 10-21-2012]

No person shall hunt, trap, catch, wound, kill or attempt to hunt, trap, catch, wound, or kill any mammal, bird or reptile or destroy, disturb, or molest any nest, egg, lair, den, or burrow of any animal on land preservation property at any time except as authorized, from time to time, by the land preservation advisory board through its land management personnel upon such terms as recommended for the purpose of:

- (1) Controlling or eliminating nonnative species;
- (2) Controlling the overpopulation of species;
- (3) Preserving public health; or
- (4) Promoting or preserving the integrity, quality, and function of the ecological resources of land preservation property.

Any such authorization by the land preservation advisory board through its land management personnel shall not be considered a disposition of a property interest requiring authorization under § 22-59.

Fishing shall be allowed on land preservation property, by floating or wading, with access from non land preservation property, subject to all state and local laws. Any violation of this section is subject to the Recreational Trespass Act, (MCLA 324.73101—324.73111) and any amendments or revisions which are adopted by reference as part of this division.

## § 22-97. Firearms and other weapons.

[Ord. No. 2007-15, 12-16-2007; Ord. No. 2012-07, 10-21-2012]

Except as authorized by § 22-96, no person shall, at any time, discharge anywhere upon land preservation property, any firearm of any description, including an air-rifle, spring gun, bow and arrow, sling, or any instrument that can be loaded with and fire blank cartridges or any other form of weapon or device potentially dangerous to wildlife and human safety. Shooting into land preservation property from any non land preservation property is prohibited. This section, however, shall not apply to any duly appointed law enforcement officer while carrying out the duties and responsibilities of their position. Any violation is subject to the Recreational Trespass Act, (MCLA 324.73101 — 324.73111) and any amendments or revisions which are adopted by reference as part of this division.

## § 22-98. Club and team activities.

[Ord. No. 2007-15, 12-16-2007]

Express written permission is required for club and team activities upon land preservation property.

## § 22-99. Dogs and other domestic pets.

[Ord. No. 2007-15, 12-16-2007]

- (a) Permitted. Unless posted otherwise, dogs and other domestic pets may be brought upon Land Preservation property.
- (b) Control. Unless posted otherwise, any dog on land preservation property shall be on a leash of six feet or less and at all times shall be under the immediate control of a competent person.
- (c) Removal of feces. Any person having custody of a dog on land preservation property shall immediately remove all feces deposited by such dog on any public footpath or other area frequented by the public, and shall dispose of same in a sanitary manner.
- (d) Application to guide, service, or leader dogs. This section does not prohibit the use of guide dogs, service dogs, or leader dogs as provided and defined in § 502c of the Michigan Penal Code (MCL § 750.502c).

## § 22-100. Bicycles.

[Ord. No. 2007-15, 12-16-2007]

Unless posted otherwise, bicycles are prohibited on land preservation property.

## § 22-101. Vehicle traffic and parking.

[Ord. No. 2007-15, 12-16-2007]

- (a) No person shall operate or park any vehicle, motorized or otherwise, on land preservation property excluding wheelchairs or other ADA ambulatory assistance devices and vehicles necessary for maintenance or emergencies.
- (b) No person shall leave, or cause to be left, any vehicle upon land preservation property. Members of the Township police and Fire Departments are authorized to remove or have removed any such vehicle at the owner's expense.

## § 22-102. Horses and other draft animals.

[Ord. No. 2007-15, 12-16-2007]

Unless posted otherwise, no horse or other draft animal may be brought on land preservation property.

## § 22-103. Camping.

[Ord. No. 2007-15, 12-16-2007]

No camping is allowed on land preservation property.

## § 22-104. Fires.

[Ord. No. 2007-15, 12-16-2007]

- (1) No unauthorized person shall willfully set or cause to be set on fire any tree, woodland, brush land, grassland, meadow or structure on land preservation property.
- (2) No person shall drop, throw, or otherwise scatter lighted matches, burning cigars, cigarettes, tobacco paper, or other flammable materials on land preservation property.
- (3) No fires shall be allowed on land preservation property except as authorized from time to time, by the land preservation advisory board and for the purpose of:
  - (a) Controlling or eliminating nonnative species;
  - (b) Controlling the overpopulation of species;
  - (c) Preserving public health; or
  - (d) Promoting or preserving the integrity, quality, and function of the ecological resources of land preservation property.

### § 22-105. Fireworks.

[Ord. No. 2007-15, 12-16-2007]

No person shall fire, discharge, or have in their possession any rocket, firecracker, torpedo, squib, or other firework or any substance of an explosive nature within land preservation property. Any violation of this section is a municipal civil infraction punishable as provided by this Code.

### § 22-106. Swimming.

[Ord. No. 2007-15, 12-16-2007]

No person shall swim or bathe in any drain or pond located entirely within land preservation property.

### § 22-107. Boating.

[Ord. No. 2007-15, 12-16-2007]

No person shall bring, use, or navigate any boat, canoe, raft, or other watercraft upon any drain or pond located entirely within a land preservation property.

### § 22-108. Model airplanes.

[Ord. No. 2007-15, 12-16-2007]

No person shall operate a motorized model airplane on land preservation property.

### § 22-109. Loudspeakers.

[Ord. No. 2007-15, 12-16-2007]

No person shall use a loudspeaker, public address system, or amplifier on land preservation property.

## § 22-110. Skating and sledding.

[Ord. No. 2007-15, 12-16-2007]

Unless posted otherwise, no person shall skate, walk, or go upon any ice on any drain or pond entirely within land preservation property. Unless posted otherwise no person shall sled, toboggan or coast with a hand-sled, bobsled, cart, or other apparatus on wheels or runners on land preservation property.

## § 22-111. Peddling and soliciting.

[Ord. No. 2007-15, 12-16-2007]

No person shall peddle or solicit business of any nature whatsoever, distribute handbills or other advertising matter, post any unauthorized sign, anywhere on land preservation property.

## § 22-112. Unlawful obstruction.

[Ord. No. 2007-15, 12-16-2007]

No person shall by force, threat, intimidation, unlawful fencing, or enclosing, or by any other means, prevent any person from using land preservation property consistent with the protection, preservation and enhancement of land preservation property. Protection, preservation and enhancement shall be defined in each individual property's stewardship implementation plan and the land preservation guidelines adopted by the land preservation advisory board. This section, however, shall not apply to any duly appointed law enforcement officer or fire official when carrying out the duties and responsibilities of their position.

## § 22-113. Installations, construction, or maintenance.

[Ord. No. 2007-15, 12-16-2007]

No installation, construction, or maintenance shall be made above or below ground, across or beneath Land Preservation property by any person, except duly authorized personnel, without the prior written permission of the land preservation advisory board through land management personnel for such installation, construction, or maintenance specifying in detail the work to be done and any conditions to be met.

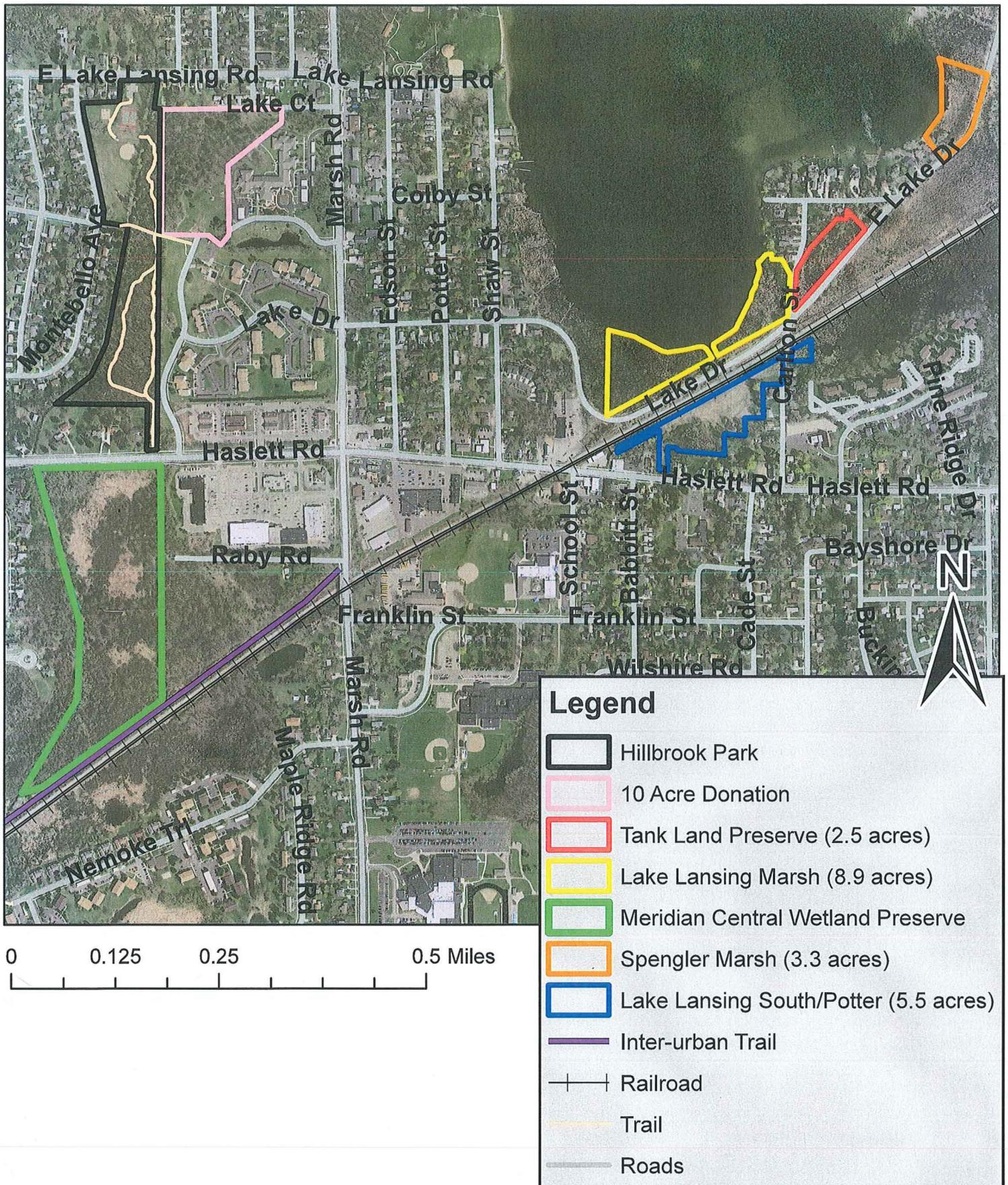
## § 22-114. through § 22-115. (Reserved)

Park Commission  
and  
Land Preservation Advisory Board  
Joint Meeting

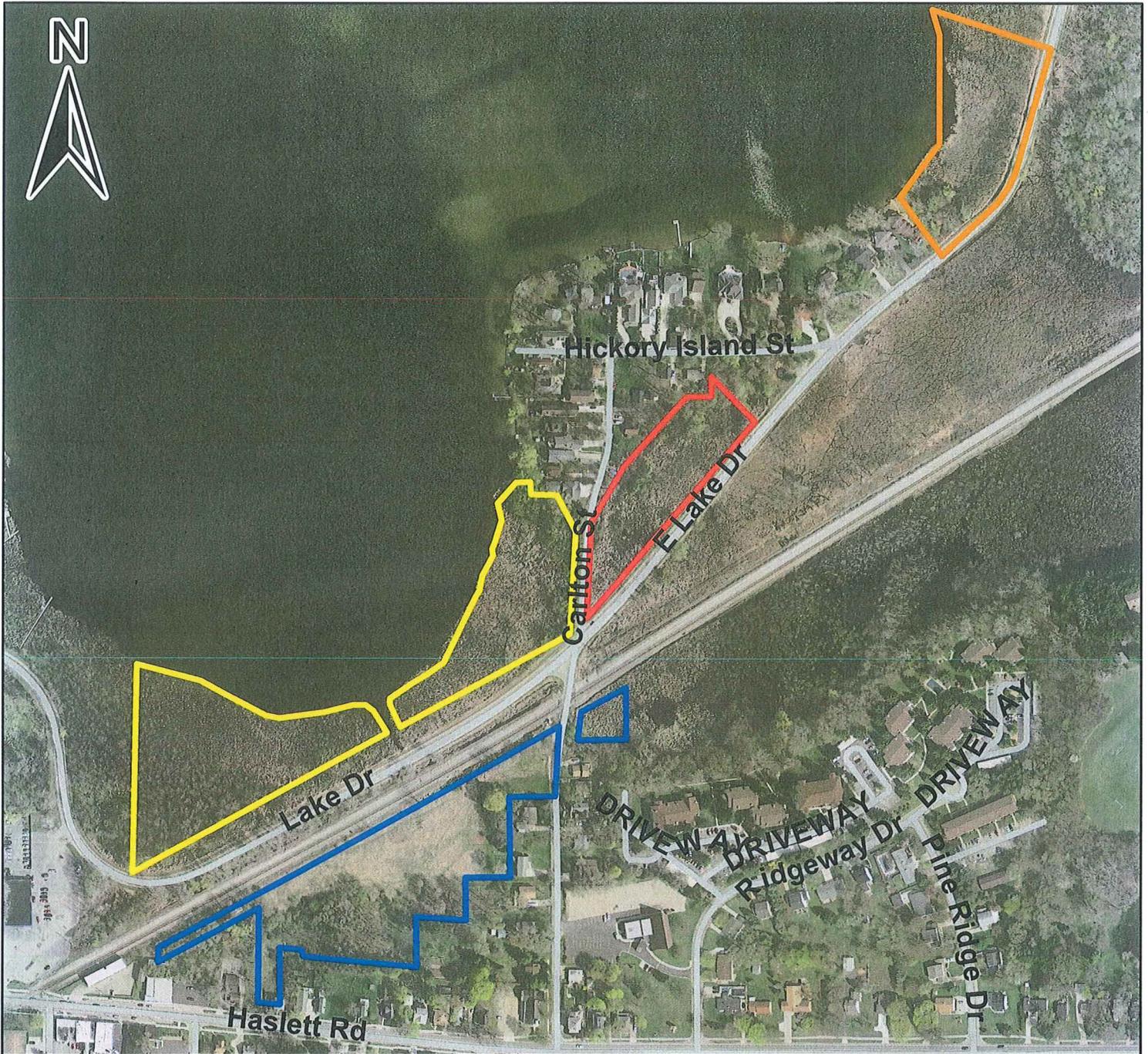
October 26, 2017

9. Potential Joint Project

# Township Properties South of Lake Lansing

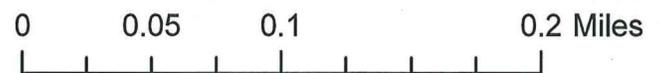


# Township Properties South of Lake Lansing



**Legend**

- Tank Land Preserve (2.5 acres)
- Lake Lansing Marsh (8.9 acres)
- Spengler Marsh (3.3 acres)
- Lake Lansing South/Potter (5.5 acres)
- Roads



Park Commission  
and  
Land Preservation Advisory Board  
Joint Meeting

October 26, 2017

10. Stewardship Activities

A banner image showing a fish swimming in a tank with green plants and purple coral. The text "Michigan Invasive Species" is overlaid in white.

## Michigan Invasive Species

INVASIVE SPECIES / SPECIES PROFILES & REPORTING INFORMATION / INSECTS

### Hemlock Woolly Adelgid

(*Adelges tsugae*)

\*Detected in Michigan\*

#### WATCH LIST

##### Report this species:

**If you notice white, waxy material at the base of the needles on hemlock trees, to prevent spread, do not remove potentially infested material from the site. Take photos, note the location of the affected trees and report it to:**

Michigan Department of Agriculture and Rural Development, MDA-Info@michigan.gov or phone the MDARD Customer Service Center, Call: 800-292-3939.

If possible, please take one or more photos of the invasive species you are reporting. Also make note of the location, date and time of the observation. This will aid in verification of your report. You may be asked to provide your name and contact information if follow-up is needed.

- Or - use the Midwest Invasive Species Information Network (MISIN) online reporting tool - <http://www.misin.msu.edu/report/>

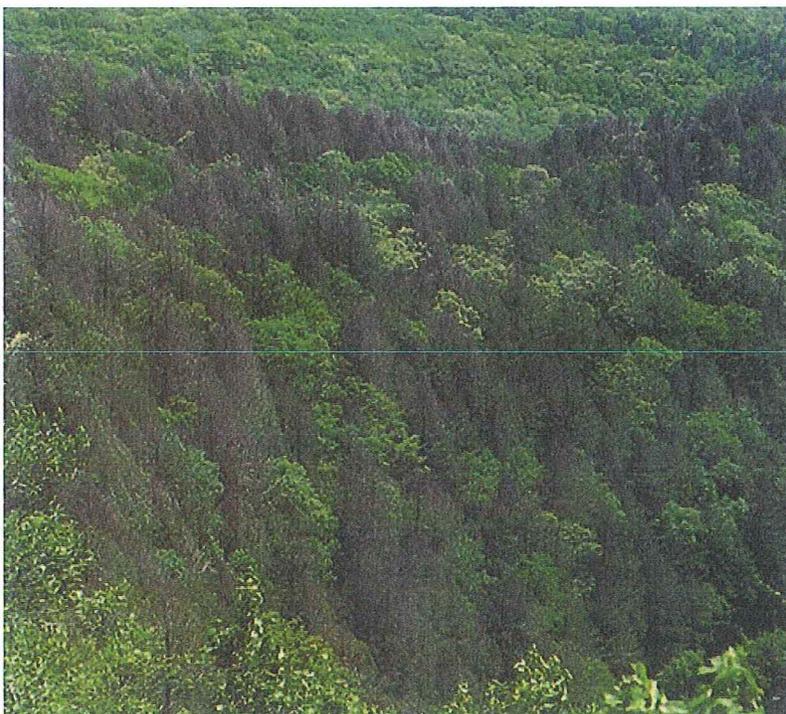
- Or - download the MISIN smartphone app and report from your phone - <http://www.misin.msu.edu/tools/apps/#home>



Elizabeth Willhite, USDA Forest Service, Bugwood.org



CAES, Bugwood.org - Hemlock woolly adelgid up-close



Mark McClure, Connecticut Agricultural Experiment Station - Hemlock woolly adelgid damage

**Why we care:** These tiny insects secrete white wax as they feed on sap from hemlock shoots and branches. Hemlock woolly adelgid (HWA) feeding can kill needles, shoots and branches. Over time, growth slows as trees become less vigorous and trees may take on a grayish-green appearance. Infested hemlocks, especially large, old trees, are often killed when other stress factors, such as drought, affect trees.

**What is at risk?** More than 100 million mature hemlocks grow in Michigan. Hemlocks provide important habitat and winter cover for many wildlife species.

**The threat:** HWA populations are common in many eastern states, including Pennsylvania. Eggs and very young adelgids can be carried by birds and can be moved on hemlock nursery trees, logs or firewood.

**What could happen in Michigan?** Much of the state's hemlock resource is relatively old and very vulnerable to HWA. If this pest becomes established, most of these trees will be killed.

#### **MORE INFORMATION:**

##### **Map:**

- Hemlock Woolly Adelgid Infestation History in Michigan

##### **Allegan, Muskegon, Oceana, and Ottawa Counties Hemlock Woolly Adelgid Information:**

- NEW! Guidelines for homeowner treatments of hemlock trees infested with hemlock woolly adelgid - July 2017 - MSUE
- Hemlock Woolly Adelgid in Michigan - Recommendations for Landowners - September 2016
- Options for Protecting Hemlock Trees from Hemlock Woolly Adelgid - NEW - January 2017 - MSUE
- Letter to Licensed Pesticide Application Businesses in Allegan, Kent, Muskegon, Oceana and Ottawa Counties
- Letter to Property Owners in Muskegon and Ottawa Counties
- Insecticide Label Guidance for Use Limits
- Hemlock Woolly Adelgid Informational Meeting Presentation from 10-3-16 and 10-5-16
- VIDEO - Hemlock Woolly Adelgid - MSU Extension - Background/Damage, Life cycle, Identification, Hemlock and Its Importance
- West Michigan Hemlock Woolly Adelgid Taskforce website

##### **Educational Materials:**

- NEW! MSUE Hemlock Woolly Adelgid Bulletin (printable PDF)
- Michigan Departments of Agriculture & Rural Development and Natural Resources Hemlock Woolly Adelgid Forest Pest Alert (printable PDF)
- Small Format Hemlock Woolly Adelgid Forest Pest Alert (printable PDF)

##### **What does Hemlock and Hemlock Woolly Adelgid Look Like?**

- Hemlock Tree Identification
- USDA-Forest Service Hemlock Woolly Adelgid Pest Alert
- Hemlock Woolly Adelgid Look-Alikes

##### **Quarantine Information**

- Hemlock Woolly Adelgid Interior Quarantine
- Hemlock Woolly Adelgid Exterior Quarantine
- Hemlock Woolly Adelgid Exterior Quarantine: List of Regulated Counties
- Michigan Plant Pest Quarantines
- Michigan Quarantine Summary for Licensees

##### **Links of Interest**

- [USDA-FS-Forest Health Protection - Hemlock Woolly Adelgid: Publications and Other Information](#)
  - [USDA-FS-Forest Health Protection - Hemlock Woolly Adelgid: Distribution Maps](#)
  - [Dontmovefirewood.org - Hemlock Woolly Adelgid Gallery](#)
  - [U.S. Fish & Wildlife Service - Hemlock Woolly Adelgid: Climate Change Invites Invasive Insect North](#)
  - [USDA - National Invasive Species Information Center Hemlock Woolly Adelgid: Species Profile](#)
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SOM

## DNR advises caution to prevent spread of oak wilt disease

Contact: **Roger Mech**, 810-229-4155 or **Scott Lint**, 231-775-9727

Agency: Natural Resources

April 17, 2017

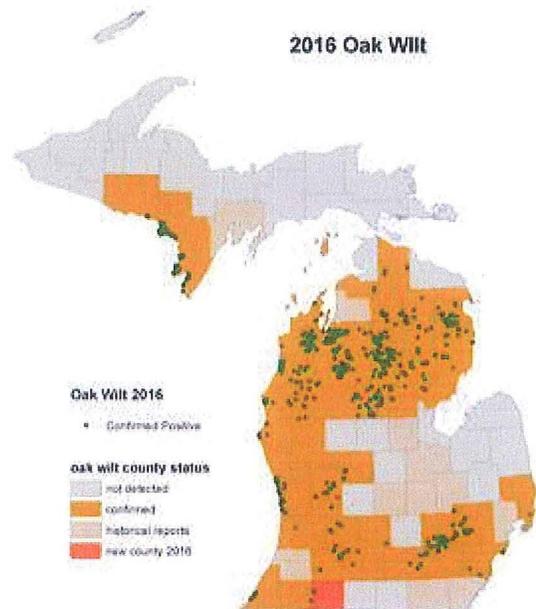
The Michigan Department of Natural Resources is reminding residents they can help prevent the spread of oak wilt disease this spring. April 15 marks the beginning of the yearly window when oak wilt can be transmitted from diseased to healthy red oak trees.

According to Roger Mech, Forest Health program specialist for the DNR Forest Resources Division, oak wilt is a serious disease of oak trees that mainly affects red oaks, including northern red oak, black oak and pin oak. Red oaks often die within a few weeks after becoming infected. White oaks are more resistant; therefore, the disease progresses more slowly.

"The normal time-tested advice is to prevent oak wilt by not pruning or otherwise 'injuring' oaks from April 15 to July 15," Mech said.

He said the spread of oak wilt occurs during this time of year as beetles move spores from fungal fruiting structures on the trees killed last year by oak wilt to wounds on healthy oaks.

Unfortunately, he said, many people learn not to prune trees from mid-April to mid-July only after they lose their oaks to oak wilt.



"It doesn't matter how cold the winter; it only takes a few 50-degree or warmer days for both the beetles and fungus to become active," he said. "We have already had warmer weather in many parts of the state."

Although oak wilt hasn't been detected in every Michigan county, Mech said the need for vigilance is present statewide.

Spring is a popular time for people to move firewood to vacation properties and other locations. During this April-to-July period, Mech said that it's vital not to move wood from oak wilt-killed trees. These trees often are cut into firewood and moved, sometimes many miles from their original locations. Any wounding of oaks in this new location can result in new oak wilt infections as beetles move spores from the diseased firewood to fresh wounds on otherwise healthy trees.

"With the transport of firewood and other tree-related activities, you have to assume the risk is present, whether you live in metro Detroit or in the Upper Peninsula," Mech said.

The DNR recommends that anyone who suspects they have oak wilt-tainted firewood should cover it with a plastic tarp all the way to the ground, leaving no openings. This keeps the beetles away and generates heat inside the tarp, helping to destroy the fungus. Once the bark loosens on the firewood, the disease can no longer be spread.

New oak wilt sites have been traced to spring and early summer wounding from tree-climbing spikes, rights-of-way pruning, nailing signs on trees and accidental tree-barking (a wound created when bark is removed via impact from equipment, falling trees and other causes). If an oak is wounded during this critical time, the DNR advises residents to cover the wound immediately with either a tree-wound paint or a latex paint to help keep beetles away.

Once an oak is infected, the fungus moves to neighboring red oaks through root grafts. Oaks within approximately 100 feet of each other – depending on the size of the trees – have connected or grafted root systems. Left untreated, oak wilt will continue to move from tree to tree, progressively killing more red oak over an increasingly larger area.

As more trees die from oak wilt, more spores are produced, and that contributes to the overland spread of oak wilt.



To minimize the risk of oak wilt infection caused by logging damage, the DNR limits the cutting of red oak trees on state-managed land between April 15 and July 15. This helps protect red oak trees left after thinning from damage that could lead to infection.

The DNR recommends private forest landowners exercise caution during this period and, whenever possible, delay harvesting activity in oak forests until after July 15 to reduce the risk of oak wilt.

For more information on the background, symptoms and prevention of oak wilt, visit [www.michigan.gov/invasives](http://www.michigan.gov/invasives) or check out the **USDA's How to Identify, Prevent, and Control Oak Wilt brochure**.

To report a suspected oak wilt site, email [DNR-FRD-Forest-Health@michigan.gov](mailto:DNR-FRD-Forest-Health@michigan.gov) or call 517-284-5895.

To learn more about oak wilt and other forest health issues in Michigan, go to [www.michigan.gov/foresthealth](http://www.michigan.gov/foresthealth).

The Michigan Department of Natural Resources is committed to the conservation, protection, management, use and enjoyment of the state's natural and cultural resources for current and future generations. For more information, go to [www.michigan.gov/dnr](http://www.michigan.gov/dnr).

A map illustrating the status of oak wilt in 2016 is available for download below.

- [oak+wilt++2016.jpg](#)



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