

BROWNFIELD PLAN

Leslie Science and Nature Center
1831 Traver Road, Ann Arbor, Michigan, 48105

PRESENTED TO

Washtenaw County Brownfield Redevelopment Authority
c/o Washtenaw County Office of Community & Economic Development
415 W. Michigan Avenue, Suite 2200
Ypsilanti, Michigan 48197

PRESENTED BY

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Summary of Eligible Activities

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Legal Descriptions Described in Section Iii(G) of This Plan and Eligible Property Boundary Map

PROJECT SUMMARY

Project Name:	Leslie Science and Nature Center, 1831 Traver Road, Ann Arbor MI 48105
Estimated Investment:	\$535,438 plus anticipated investment for new playscape
Project Location:	<p>The property is bound by Traver Road, David Court, residential properties located on David Court, Starwick Drive and Wickfield Court, the Black Pond Woods Nature Area (Ann Arbor Parks Department) and an additional Leslie Park Golf Course Parcel. The eligible property includes the following parcels of land and contiguous public rights of way:</p> <ul style="list-style-type: none">• 1831 Traver Road (09-09-21-107-007)• A small portion of the adjacent parcel to the north identified as Black Pond Woods (09-09-16-400-008)
Property Eligibility:	<p>The property meets the definition of a facility as defined in Part 201 of the Michigan Natural Resources and Environmental Protection Act (NREPA) Public Act (PA) 451 of 1994, as amended. Soil is contaminated with volatile organic compounds (VOCs) and metals at concentrations greater than generic residential use criteria promulgated by the Michigan Department of Environment, Great Lakes and Energy (EGLE). The public rights of way for Traver Road are eligible because they are contiguous to the eligible parcel.</p>
Eligible Activities:	<p>The City of Ann Arbor will utilize funding awarded by the Washtenaw County Brownfield Redevelopment Authority from its Local Brownfield Revolving Fund (LBRF). This Plan includes all possible Eligible Activities that <i>could</i> be funded using LBRF, as approved by the Washtenaw County Brownfield Authority. The initial (minimum) award is a \$250,000 grant, which will fund the drilling investigation and laboratory analyses, source removal by excavation, transportation and disposal of impacted soils; laboratory analyses of relative arsenic bioavailability (RAB), a statistical analysis to determine what form of arsenic species is onsite and what percentage of the total is likely to be ingested, and coordination with EGLE personnel for site-specific arsenic criteria; partial excavation of the proposed playscape area; due care activities; Phase II Environmental Site Assessment (ESA); brownfield plan preparation; vapor intrusion and indoor air sampling, vapor intrusion mitigation system installation including the installation of vents to combat negative pressure in the building, sealing the northern wall of the DTE Energy Nature House from cistern flooding to ensure the VI system is operational and sealing all cracks, drains and penetrations in the basement floor. The additional \$285,407 in LBRF funding has been included by the Brownfield Authority to fund other eligible costs that include excavation of the proposed playscape area and trucking and placing clean backfill. An estimate of the amount of soil to be removed in the playscape area has been included that allows for the American Disabilities Act compliant trails through the playscape area to serve as exposure barriers.</p>
Eligible Costs:	<p>Department Specific – \$ 535,438</p> <p>Total – \$535,438</p>

Capture Period: Total capture period – Not applicable; no Tax Increment Capture/Financing or developer reimbursement proposed. The property will remain non-taxable. The purpose of this Brownfield Plan is to establish eligibility for use of Local Brownfield Revolving Funds to conduct Eligible Activities under Act 381.

Project Summary: The Leslie Science and Nature Center operates at 1831 Traver Road in Ann Arbor, Michigan. The property was donated to the City of Ann Arbor by the late Dr. Eugene Leslie in 1977 and is a City of Ann Arbor park. The site was formerly the home of Dr. Leslie, a petrochemical engineer and University of Michigan professor.

Plans to complete a natural playscape on the property identified a potential historical dumpsite. Review of historical information identified that the site included a chemical laboratory, orchard and residential spaces. Site investigations conducted to date have detected chlorinated VOCs in the soil, and in the soil gas and indoor air of the DTE Energy Nature House. Heavy metal impacts are contained within the former dumpsite in the woods. The site also has widespread arsenic impacts, likely from a combination of pesticide use on the orchard crops and naturally occurring arsenic in the soil.

LBRF funding is being sought to assist with eligible activities. Specifically, costs associated with Phase II ESA; Due Care activities; additional response activities for remediation of source areas; installation of a vapor intrusion system; laboratory and statistical analyses for RAB; and excavation and backfill of the natural playscape area, should it be necessary.

The project is intended to address the Leslie Science and Nature Center interests. The property is important to the community and serves thousands of children and community members annually. The Leslie Science and Nature Center site provides public programming, field trip opportunities, day camp and facility event rental space. Public trails, raptor enclosures and a Critter House are also present onsite. Installation of a new ADA compliant trail was also included in Leslie Science and Nature Center's proposed playscape area.

These remediation activities will ensure Leslie Science and Nature Center can continue to provide programs to children in the future.

I. INTRODUCTION

A. PLAN PURPOSE

The Washtenaw County Brownfield Redevelopment Authority (Authority; WCBRA), duly established by resolution of the Washtenaw County Board of Commissioners, pursuant to the Brownfield Redevelopment Financing Act, Michigan Public Act 381 of 1996, MCLA 125.2651 et. seq., as amended (Act 381), is authorized to exercise its powers within the limits of the Washtenaw County, acting on behalf of and in cooperation with its member communities. The purpose of this Brownfield Plan, to be implemented by the WCBRA, is to satisfy the requirements of Act 381 for including the eligible property described below, designated as 1831 Traver Road in Ann Arbor, Michigan (the “Property”), in a Brownfield Plan. The Property is located within the boundaries of the City of Ann Arbor, a WCBRA member community.

The Authority proposes to implement this Plan to promote economic development and brownfield redevelopment within the County. This Plan will permit the Authority to grant funds to the owner to utilize Local Brownfield Revolving Funds on Eligible Activities on Eligible Property, pursuant to P.A. 381 Sec. 8 (4). Capture of incremental taxes (tax increment revenues; TIR) is not included in this Plan as the Property is owned by a public entity that is exempt from ad valorem taxes. The establishment of the site as an Eligible Property, which will allow the expenditure of LBRF monies, is critical to ensuring that Leslie Science and Nature Center can remain at the Property and continue to serve the community.

B. PROPERTY DESCRIPTION

The Property consists primarily of one tax parcel occupying approximately 544,134 square feet (12.5 acres) of land in the City of Ann Arbor; a public park that houses the non-profit organization Leslie Science and Nature Center, with its associated facilities (Parcel Tax ID 09-09-21-107-007). A portion of an adjacent parcel to the north and east, owned by the City of Ann Arbor that contains the Black Pond Woods Nature Area and Leslie Park Golf Course, is also included as the Property. This parcel is approximately 5,633,275 square feet (129 acres). The Property is bounded by Traver Road, David Court, residential properties located on David Court, Starwick Drive and Wickfield Court, the Black Pond Woods Nature Area (Ann Arbor Parks Department) and additional Leslie Science and Nature Center Parcels. The eligible Property also includes contiguous portions of the public rights of way for the adjacent streets. The parcel addresses and tax identification numbers are as follows:

Primary address(s)	Tax ID
1831 Traver Road	09-09-21-107-007
1905 Traver Road (portion of parcel)	09-09-16-400-008

Additional property information is provided in Section III (G).

C. BASIS OF ELIGIBILITY

The property meets the definition of a facility as defined in Part 201 of the Michigan Natural Resources and Environmental Protection Act (P.A. 451 of 1994, as amended). Soil is contaminated with chlorinated VOCs and metals at concentrations greater than generic residential use criteria promulgated by the Michigan Department of Environment, Great Lakes and Energy (EGLE). The chlorinated VOCs are present in soil gas and indoor air sampled in the basement of the DTE Energy Nature House at concentrations exceeding

Residential Recommended Interim Action screening Levels (RIASLs) and Time Sensitive Recommended Interim Action Screening Levels (TS RIASLs) developed by EGLE. The public rights of way for Traver Road are eligible because they are contiguous to the eligible parcel.

D. PROJECT DESCRIPTION

D.1 THE PROPERTY

The Leslie Science and Nature Center operates at 1831 Traver Road in Ann Arbor, Michigan. The property was donated to the City of Ann Arbor by the late Dr. Eugene Leslie in 1977 and is a City of Ann Arbor park. The Property was formerly the home of Dr. Leslie, a petrochemical engineer and University of Michigan professor. The property included a laboratory, orchard and residential spaces.

The property is owned by the City of Ann Arbor, with the non-profit Leslie Science and Nature Center operating on the site. The property currently has multiple buildings, a wooded area, trails and other outdoor spaces, Project Grow community gardens and a parking lot. The buildings onsite include the Leslie House (former home of Dr. and Mrs. Leslie), which operates as the office for Leslie Science and Nature Center, the DTE Energy Nature House which was built in 2000 partially in the footprint of Dr. Leslie's former laboratory, the Critter House, Walnut House, the Caretakers House and raptor enclosures. An inclusive nature playscape, including an accessible walkway are proposed for a portion of the wooded space onsite.

During planning for the proposed natural playscape area, a depression was identified. A drilling investigation indicated that the property has heavy metals in the depression, which was a former dump during Dr. Leslie's tenure on the site. Arsenic is widespread on the property likely from pesticide application of the former orchard and naturally occurring arsenic. A chlorinated VOC plume was also detected near a concrete structure/pit, north of the DTE Energy Nature House. These impacts are affecting the basement indoor air of the DTE Energy Nature House. The depression in the wooded area partially extends onto the Black Pond Woods Nature Area.

There are currently no residents living onsite, however employees, volunteers and the general public utilize the space for a variety of activities and events.

D.2 THE REDEVELOPMENT

Redevelopment in the space includes the playscape; providing children with direct interaction with nature.

D.3 BROWNFIELD CONDITIONS

Historical site activities included Dr. Leslie's laboratory, which was formerly located under a portion of the current DTE Energy Nature House. Dr. Leslie was a chemical engineer and a professor at the University of Michigan. He was involved in developing no-knock gasoline and other important discoveries during World War II. Numerous chemicals were stored and used onsite in his laboratory. Orchards were also historically present on most of the Property and it is likely that Dr. Leslie created and applied his own pesticides.

A Phase II ESA including two subsurface drilling investigations were completed between May and July 2019. A third investigation is needed to delineate the vertical and horizontal extent of the chlorinated VOC plume. The current understanding of the chlorinated VOC plume is that it likely emanates from a 'pit' located northwest of the DTE Energy Nature House that may have been related to Dr. Leslie's 'spray house'. The plume appears to have migrated east and south, under the DTE Energy Nature House. To date, groundwater has not been encountered at the Property to a depth of 35 feet. The four VOCs detected in soil are also detected in the slab gas and basement indoor air samples. These include chloroform, carbon tetrachloride,

tetrachloroethene (PCE and, trichloroethene (TCE), which exceed Part 201 generic cleanup criteria for direct contact criteria, drinking water protection, groundwater surface water interface protection and soil volatilization to indoor air inhalation criteria.

Heavy metals were detected in the depression located in the wooded area. The depression appears to be a dumpsite for Dr. Leslie, based on review of the 1947 Washtenaw County aerial and information included in the 1992 report by Atwell-Hicks, Inc. This report documents the removal of 35 drums from the site; the majority of which, were in what appears to be the depression. Soil was not removed during the drum removal. The aerial and the 1992 Atwell-Hicks, Inc. report are included in the September 3, 2019 letter report by Tetra Tech, Inc. that documents the Phase II ESA activities to date and is attached to this document.

Contamination onsite poses a potential threat to the environment. It is not known if the chlorinated VOCs have impacted groundwater or if they have migrated from the site. In addition, the heavy metals at the surface in the depression pose a dermal and inhalation risk to the public should they encounter the soil. Since the initial sampling, the area has been fenced off from the general public. The risk to the general population of the widespread arsenic impacts onsite is not understood at this point.

II. GENERAL DEFINITIONS AS USED IN THIS

All words or phrases not defined herein shall have the same meaning as such words and phrases included in Act 381.

III. BROWNFIELD PLAN

A. DESCRIPTION OF COSTS TO BE PAID WITH TAX INCREMENT REVENUES AND SUMMARY OF ELIGIBLE ACTIVITIES

This Brownfield Plan is being developed for the purpose of establishing eligibility under Act 381 for the Brownfield Authority to grant the owner Local Brownfield Revolving Funds to pay for Eligible Activities on the Eligible Property. Capture of Tax Increment Revenues is not included in this plan.

The Washtenaw County Brownfield Authority awarded \$250,000 during the August 15, 2019 meeting, and increased the award to \$535,438 at the October 3, 2019 meeting. The grant was awarded for continued site investigation and remediation activities. The WCBRA requested a

conservative estimate of remediation costs in the Brownfield Plan to ensure additional requests for funding are not necessary. For purpose of this Plan, up to \$535,438 in Local Brownfield Revolving Funds will be utilized on the property for Eligible Activities.

The total cost of Eligible Activities associated with the Property, of which up to \$535,438 will be funded with LBRF, include Department Specific Activities entirely. There are no Non-environmental Activities included. The individual costs are estimated and may increase or decrease, depending on the nature and extent of unknown conditions encountered during investigation or laboratory analyses; however, the estimate is conservative. No more than \$535,438 for anticipated investment for the new playscape are in Eligible Activities will be supported with LBRF funds.

Eligible Department Specific Activities include environmental assessment activities, due care activities; VI mitigation activities, excavation and disposal activities, RAB laboratory analyses and statistical determination for site-specific arsenic criteria, excavation of upper 2 to 10 feet of soil in the proposed playscape area and reporting and data evaluation. **Appendix A** provides additional detail. Environmental assessment activities include a Phase II ESA, which was conducted prior to Brownfield Plan approval.

A vapor intrusion mitigation system is necessary for the indoor air issues. Prior to the installation of the system, building issues will need to be remedied. These include installing vents to combat the negative pressure issues, sealing all cracks and penetrations through the floor and sealing the north wall of the DTE Energy Nature Center. The north wall is in the side of the hill that contains the highest VOC concentrations onsite. The cistern located in the northwest corner and adjacent to the building has had flooding issues in the past. The flooding issues will need to be remedied to ensure the VI mitigation system does not shut down.

Additional testing to understand the absorptive properties of the arsenic present is necessary to determine the exposure risk mitigate the indoor air issues at the DTE Energy Nature House, delineate the chlorinated VOC plume and determine if it is in groundwater, remove the heavy metals risk in the depression, determine the ingestible arsenic at the site and remediate the proposed playscape area with a combination of impervious cover and excavation, greatly reducing the threats to human health and the environment.

No costs of Eligible Activities will be qualified for LBRF grant funding except to the extent permitted in accordance with the terms and conditions of the LBRF Grant and Loan Agreement between the Brownfield Authority and applicant, and Sections 7 and 8 of Act 381 of 1996, as amended (MCL 125.2652). The Grant Agreement will dictate the total cost of eligible activities to be funded with a grant from Local Brownfield Revolving Funds. This Brownfield Plan shall serve to provide a maximum funding level for all possible Eligible Activities to be funded with LBRF funds, subject to explicit approval of the Washtenaw County Brownfield Authority for actual grant awards.

B. ESTIMATE OF CAPTURED TAXABLE VALUE AND TAX INCREMENT REVENUES

This Brownfield Plan does not include capture of Tax Increment Revenues to reimburse for Eligible Activities. The purpose of this Brownfield Plan is to establish eligibility to utilize LBRF grant funds for the applicant to conduct certain Eligible Activities.

C. METHOD OF FINANCING PLAN COSTS AND DESCRIPTION OF ADVANCES BY THE MUNICIPALITY

The applicant will be responsible for conducting all Eligible Activities and funding the same. The Washtenaw County Brownfield Authority, nor Washtenaw County, nor the City of Ann Arbor will advance any funds. The LBRF Grant Agreement will dictate the terms under which the applicant utilizes grant funds to conduct Eligible Activities.

Reimbursements under the LBRF Grant and Loan Agreements shall not exceed the cumulative eligible costs limit described in this Plan, unless the Brownfield Plan is further amended.

D. MAXIMUM AMOUNT OF NOTE OR BONDED INDEBTEDNESS

Not applicable.

E. DURATION OF BROWNFIELD PLAN

The duration of this Brownfield Plan for the Property shall be the time required to 1) conduct all Eligible Activities and 2) fully reimburse all approved actual Eligible Activities; or 3) the maximum duration provided for in Act 381 (MCLA 125.2663(22)).

F. ESTIMATED IMPACT OF TAX INCREMENT FINANCING ON REVENUES OF TAXING JURISDICTIONS

This Plan does not include tax increment capture therefore there will be no impact on taxing jurisdictions.

G. LEGAL DESCRIPTION, PROPERTY MAP, PROPERTY CHARACTERISTICS AND PERSONAL PROPERTY

The Property consists of approximately 12.5 acres having an address of 1831 Traver Road. A Property survey and legal description is included in **Appendix B**.

H. ESTIMATES OF RESIDENTS AND DISPLACEMENT OF FAMILIES

There are no persons residing on the property. No persons will be displaced under this Plan; therefore, a demographic survey and information regarding housing in the community are not applicable and are not needed for this Plan.

I. PLAN FOR RELOCATION OF DISPLACED PERSONS

No persons will be displaced under this Plan; therefore, a plan for relocation of displaced persons is not applicable and is not needed for this Plan.

J. PROVISIONS FOR RELOCATION COSTS

No persons will be displaced under this Plan and no relocation costs will be incurred; therefore, provision for relocation costs are not applicable and not needed for this Plan.

K. STRATEGY FOR COMPLIANCE WITH MICHIGAN'S RELOCATION ASSISTANCE LAW

No persons will be permanently displaced as result of this development; therefore, no relocation assistance strategy is needed for this Plan.

L. DESCRIPTION OF THE PROPOSED USE OF LOCAL BROWNFIELD REVOLVING FUND (LBRF)

Up to \$535,438 in WCBRA Local Brownfield Revolving Fund (LBRF) will be used to reimburse the actual cost of eligible activities described in this Brownfield Plan. The final actual reimbursement amount will be as approved by the Washtenaw County Brownfield Authority but will not exceed the maximum amount in this Plan.

M. OTHER MATERIAL THAT THE AUTHORITY OR GOVERNING BODY CONSIDERS PERTINENT

The LBRF funding will provide critical financial support to ensure Leslie Science and Nature Center can continue operating at 1831 Traver Road.

APPENDIX A
Summary of Eligible Costs

Appendix A
Summary of Eligible Costs
 Leslie Science and Nature Center
 Brownfield Plan

Department Specific Eligible Activities
First and Second Field Investigation - \$104,469
Two drilling investigations (49 soil borings, soil samples); waste characterization, data evaluation
Vapor Pin installation, sampling for subslab, indoor air and ambient air
Phase II ESA preparation and Brownfield Plan preparation
Third Field Investigation - \$28,928
Drilling investigation (7 borings at 50 feet, Soil samples and water samples if encountered)
Includes GPS and reimbursables for soil sampling and temporary well installation
Vapor Intrusion System Installation - DTE Energy Nature House - \$35,753
Vapor pin installation for monitoring
Sealing of all conduits to basement of DTE Energy Nature House
Sealing of basement north wall due to past flooding issues
Installation of air intake vents
Installation of vapor mitigation system
Collection of sub-slab soil gas and indoor air samples (4 events)
Excavation of Depression and Pit - \$79,359
Vegetation clearing and excavation of upper 3 feet of soil in depression area
Removal of concrete structure/pit, limited source material removal, transportation and disposal of impacted soils
Waste sampling, profile coordination with landfill, transportation of soil to appropriate disposal facility in accordance with state and federal regulations
Collection of verification samples from bottom of excavation
Backfill depression with clean material
Relative Arsenic Bioavailability Study - \$29,131
Plan creation and coordination with EGLE personnel
Laboratory analysis of the relative arsenic bioavailability for surficial soil samples
Statistical analyses of laboratory analytical results completed by Industrial Hygienist
Completion of report for negotiation with EGLE for state approval
Determine proposed playscape and programming areas for remediation
Excavation of Proposed Playscape / Programming Areas - \$247,336
Vegetation clearing and excavation of 2 feet of soil within proposed playscape boundaries
Excavation of upper 10 feet of soil in the willow tunnel/slide feature
Waste profile and soils transported to non-hazardous landfill
Excavation, transportation and disposal of impacted soils

Sampling of soil at the bottom of the excavation extents
Survey of excavation extents, sample locations and demarcation line
Data Evaluation and Letter Report - \$10,464
Completion of report for third investigation and excavation information
City and Stakeholder communication

APPENDIX B

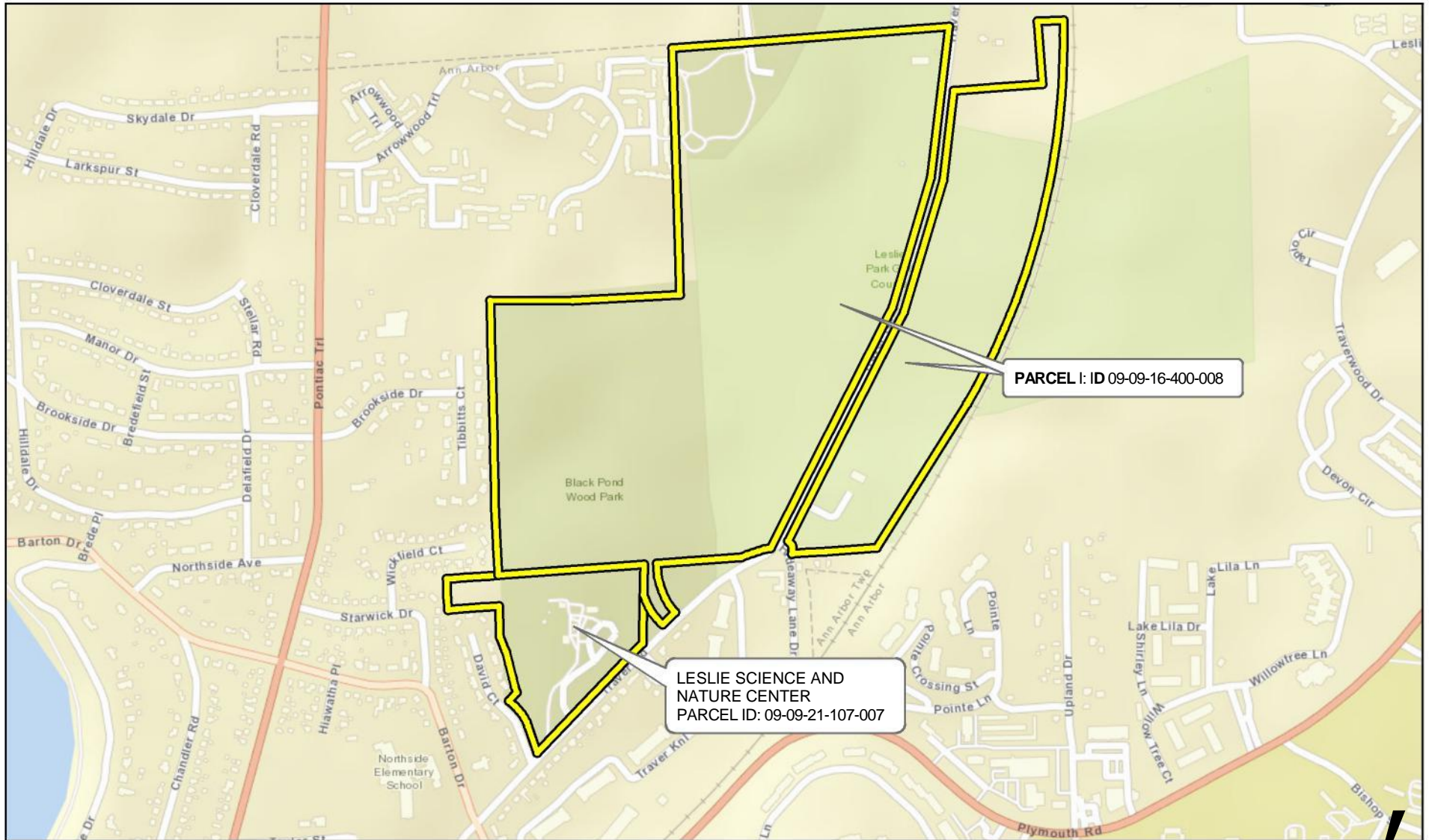
Legal Descriptions Described in Section Iii(G) of This Plan and Eligible Property Boundary Map

09-09-21-107-007

PRT OF NW 1/4 OF NE 1/4 SEC 21 T2S R6E BEG AT N 1/4 POST SEC TH S 1 DEG 06 MIN E 322.62 FT IN N & S 1/4 LINE TH S 21 DEG 15 MIN E 85.27 FT TH S 13 DEG 51 MIN 24 SEC E 184.33 FT TH S 18 DEG 13 MIN 24 SEC E 298.57 FT TH N 44 DEG 17 MIN E 740.16 FT IN CENTER OF RD TH DEFL 2 DEG 25 MIN 30 SEC RT 80.25 FT TH DEFL 47 DEG 47 MIN 30 SEC LT 437.61 FT TH DEFL 92 DEG 42 MIN 30 SEC LT 763.62 FT TO POB EXC E 66 FT NOW USED AS STREET ALSO BEG N 1/4 COR TH S 1 DEG 06 MIN E 161 FT TH S 86 DEG 12 MIN 30 SEC W 268.57 FT TH N 2 DEG 01 MIN W 161 FT TH ALG N L SEC 271.06 FT TO POB PRT SEC 21 T2S R6E ALSO OUTLOT A STARWICK HEIGHTS NO 3 Split/Combined on 05/21/2018 from 09-09-21-107-005, 09-09-21-200-004, 09-09-21-200-040;

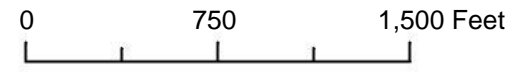
09-09-16-400-008

PRT SE 1/4 SEC 16 & NE 1/4 SEC 21, T2S, R6E, BEG S 1/4 SEC 16, TH N 0 DEG 05 MIN W 1431.95 FT M/L, TH SELY 430.48 FT M/L, TH 293.89 FT ALG ARC OF CEN ANG 25 DEG 53 MIN 22 SEC, CHORD S 13 DEG 01 MIN 09 SEC W 291.40 FT, TH S 25 DEG 57 MIN 50 SEC W 57.99 FT, TH S 64 DEG 02 MIN 10 SEC E 316.82 FT, TH N 78 DEG 13 MIN 40 SEC E 385 FT, TH S 01 DEG 01 MIN 20 SEC E 1191.68 FT M/L TH SWLY 994.89 FT TO POB ALSO COM AT N 1/4 COR SEC 21, T2S, R6E, TH N 86 DEG 10 MIN 40 SEC E 697.61 FT TO POB, TH CONT N 86 DEG 10 MIN 40 SEC E 67.55 FT, TH 36.10 FT ALG ARC OF 439.12 FT RAD CURVE TO RT THROUGH CEN ANG OF 04 DEG 42 MIN 36 SEC CHORD S 12 DEG 47 MIN 02 SEC E 36.09 FT, TH S 10 DEG 25 MIN 45 SEC E 32.63 FT, TH 244.48 FT ALG ARC OF A 426.85 FT RAD CIR CURVE TO LT THROUGH A CEN ANG OF 32 DEG 49 MIN 00 SEC CHORD S 26 DEG 50 MIN 15 SEC E 241.15 FT, TH S 46 DEG 45 MIN 20 SEC W 90 FT TO NWLY ROW LINE OF TRAVER RD, TH 209.89 FT ALG ARC OF A 366.46 FT RAD CURVE TO RT THROUGH A CENT ANG OF 32 DEG 49 MIN 00 SEC CHORD N 26 DEG 50 MIN 15 SEC W 207.03 FT, TH N 10 DEG 25 MIN 45 SEC W 114.13 FT, TH 43.93 FT ALG ARC OF A 373.12 FT RAD CIR CURVE TO LT THROUGH A CEN ANG OF 06 DEG 44 MIN 45 SEC CHORD N 13 DEG 48 MIN 07 SEC W 43.19 FT TO POB ALSO PRT SE 1/4 SEC 16, T2S, R6E, COM S 1/4 COR SEC 16, T2S, R6E, TH N 86 DEG 10 MIN 40 SEC E 994.62 FT, TH N 01 DEG 01 MIN 20 SEC W 973.81 FT FOR POB, TH S 78 DEG 13 MIN 40 SEC W 385.0 FT, TH N 64 DEG 02 MIN 10 SEC W 316.82 FT, TH N 25 DEG 57 MIN 50 SEC E 57.99 FT, TH 293.89 FT ALG ARC OF 650.41 FT RADIUS CIR CURVE CONCAVE NWLY, CENTRAL ANG 25 DEG 53 MIN 22 SEC, CHORD N 13 DEG 01 MIN 09 SEC E 291.40 FT TH 563.67 FT ALG ARC OF 11619.16 FT RADIUS CIR CURVE NWLY THROUGH CENTRAL ANG 02 DEG 46 MIN 46 SEC, CHORD N 88 DEG 05 MIN 43 SEC E 563.62 FT, TH S 01 DEG 01 MIN 20 SEC E 415.0 FT TO POB ALSO PRT SW 1/4 SEC 15 AND PRT OF SE 1/4 SEC 16, T2S, R6E, COM E 1/4 POST SEC 16, TH S 86 DEG 24 MIN 30 SEC W 205.25 FT TO CL TRAVER RD FOR POB, TH S 7 DEG 38 MIN W 343.21 FT, TH N 86 DEG 24 MIN 30 SEC E 496.83 FT, TH N 3 DEG 40 MIN 30 SEC W 330 FT, TH N 88 DEG 15 MIN E 135.25 FT TO WL ANN ARBOR RAILROAD RT OF WAY, TH SWLY ALG WL ANN ARBOR RAILROAD RT OF WAY TO SL SEC 16, TH S 89 DEG 20 MIN 40 SEC W 975.0 FT, TH N 0 DEG 04 MIN 30 SEC W 2657.16 FT, TH N 86 DEG 24 MIN 30 SEC E 1449.37 FT TO POB EXC TRAVER RD Split/Combined on 03/06/2018 from 09-09-16-400-007, 09-09-16-400-006, 09-09-16-400-004



Base Map: Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

 Parcel Boundary



N



DESIGNED BY: ADR

DATE: 9/16/2019

REVISED BY:

DATE:

CITY OF ANN ARBOR
 LESLIE SCIENCE AND NATURE CENTER
 WASHTENAW COUNTY, MI
 SITE LOCATION MAP

APPENDIX

B

