CENTER FOR ECOLOGY & NATURAL RESOURCE SUSTAINABILITY



SITE 6

Ensinger

Franklin Township
Portage County, OH

Report Written By: Stephanie Deibel
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Date Finalized: 05 September 2012

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SECTION 1: NARRATIVE DESCRIPTION OF PROPERTY

Introduction

Stephanie Deibel, conservation undergraduate student, and Jonathan Kirk, geography graduate student, visited the Ensigner property to establish a baseline documentation report of the property. During the visit, we walked the entire property and took photos at the property corners and at other significant locations.

Surrounding Land Use

The Ensigner property is approximately 40 acres and is located east of the KSU Allerton Sports Complex in Franklin Township in Portage County, OH. The property is within the Cuyahoga watershed. The property is bordered by residential land use on the eastern property line. Campus Center Dr. runs through the property just west of the middle. The southern boundary line is adjacent to the Urban property. Summit Rd runs though the property near the northern property line.

Land Cover and Habitats

Mixed Hardwood Forest

Approximately 14.5 acres of mixed hardwood forests can be found throughout the site. Mid-Successional age class dominates the area with some mature tree growth throughout. Common hardwood species can be found in this area including Red Oak, White Oak, Black Cherry, and Black Oak.

Open-Field

Approximately 7.3 acres of open-field habitat can be found in two main areas of the site. Near the east boundary, an open field area with a monoculture of grass has been disturbed by neighboring residents and is about 2 acres in size. The remaining 5.3 acres is a mixed of mowed grass and field habitat, making up the northern portion of the property.

Creek

A creek, roughly 231.5 meters in length, runs through the southern portion of the property. The substrate type and riparian quality varies as you walk the creek. Small fish and frogs were observed.

Land Cover Summary

Land Cover Type	**Description**
Mixed Hardwood Forest	14.5 acres
Open-Field	7.3 acres
Creek	231.5 meters

Note: The above descriptions are estimated values calculated from an aerial map of the area. The values are in no way exact measures of these land cover types.

Summary of Conservation Values

The Ensigner property has significant educational, research, and natural conservation values. The diverse tree species type makes this area interesting and significant to forest management and education. These habitats offer food and shelter for birds and various sized mammals. A small creek running through the property offers habitat for a fish and possibly macroinvertebrates.

Site History
1 Parcel:

17-004-00-00-001-002

Transaction:

Sale Date	Seller	Buyer	Sale Price
1/1/1990	Unknown	State of Ohio	$0.00

SECTION 2: SOILS INFORMATION

MAP UNIT	SOIL SERIES	SOIL TEXTURE	DRAINAGE CLASS	EROSION RATING	SLOPE
CdB	*Canfield*	*Silt Loam*	*Moderately Well*	*Slight*	*2-6%*
CdC2	*Canfield*	*Silt Loam*	*Moderately Well*	*Moderate*	*6-12%*
Cg	*Carlisle*	*Muck*	*Very Poor*	*Slight*	*0-2%*
CoC2	*Chili*	*Gravelly Loam*	*Well Drained*	*Moderate*	*6-12%*
CtD	*Chili-Oshtemo*	*Complex*	*Well Drained*	*Slight*	*12-18%*
FcA	*Fitchville*	*Silt Loam*	*Somewhat Poorly*	*Slight*	*0-2%*
JtA	*Jimtown*	*Loam*	*Somewhat Poorly*	*Slight*	*0-2%*
Od	*Olmsted*	*Loam*	*Very Poor*	*Slight*	*0-2%*
ReA	*Ravenna*	*Silt Loam*	*Somewhat Poorly*	*Slight*	*0-2%*
WuB	*Wooster*	*Silt Loam*	*Well Drained*	*Slight*	*2-6%*

This information was gathered from the Web Soil Survey, provided by the USDA NRCS and the Soil Survey of Portage County, provided by the USDA SCS in cooperation with NRCS.

SECTION 3: SOILS MAP



SECTION 4: PROPERTY INVENTORY

4.1 Structures, Improvements, and/or Noted Features

- A Small Creek – Photo Point S6-02 – has a sandy bottom with some gravel and cobble. The flow appears North to South with some riffle areas. Fish, frogs, and damselflies were observed while in the area.
- Partially Open Area – Photo Point S6-05 – consists of meadow weeds, grasses, and small shrubs. A few solitary trees are scattered throughout.
- An Open Area – Photo Point S6-06 – is dominated by a few grass species with small shrubs and trees growing sporadically.
- A Mowed Area – Photo Point S6-07 – is adjacent to an apartment complex. The area consists of a small mowed path amongst taller grasses and seems to be maintained by KSU.
- Old fence post – Photo Point S6-08 – may be represent the boundary line with the apartments.
- Private Property Sign – Photo Point S6-09 – may represent the property line of the apartment complex. It's unclear who put the sign there.
- 2 wooded bridges – Photo Point S6-10 – are positioned over a small creek at the lower end of the property. When inventoried, no substantial amount of water was visible.
- The Small Creek Continued – Photo Point S6-11 – from photo point S6-02 has lots of vegetation growth in the riparian zone. The bottom is sand with some gravel throughout.
- A Drainpipe – Photo Point S6-12 – feeds the small creek mentioned above. Damselflies were observed at time of visit.

4.2 Access Roads and Trails/Parking

- Parking at Allerton Sports Complex would allow access to all areas of the site.
- A dirt path can be accessed through an opening in the wood-line near the SW most corner of the baseball field area.
- Dirt paths run throughout the site in the wooded areas. The open areas have a grasses path that is easy to walk through.

4.3 Dumps, Disturbances, or Environmental Hazards

- No signs of the above were seen while inventorying the site.

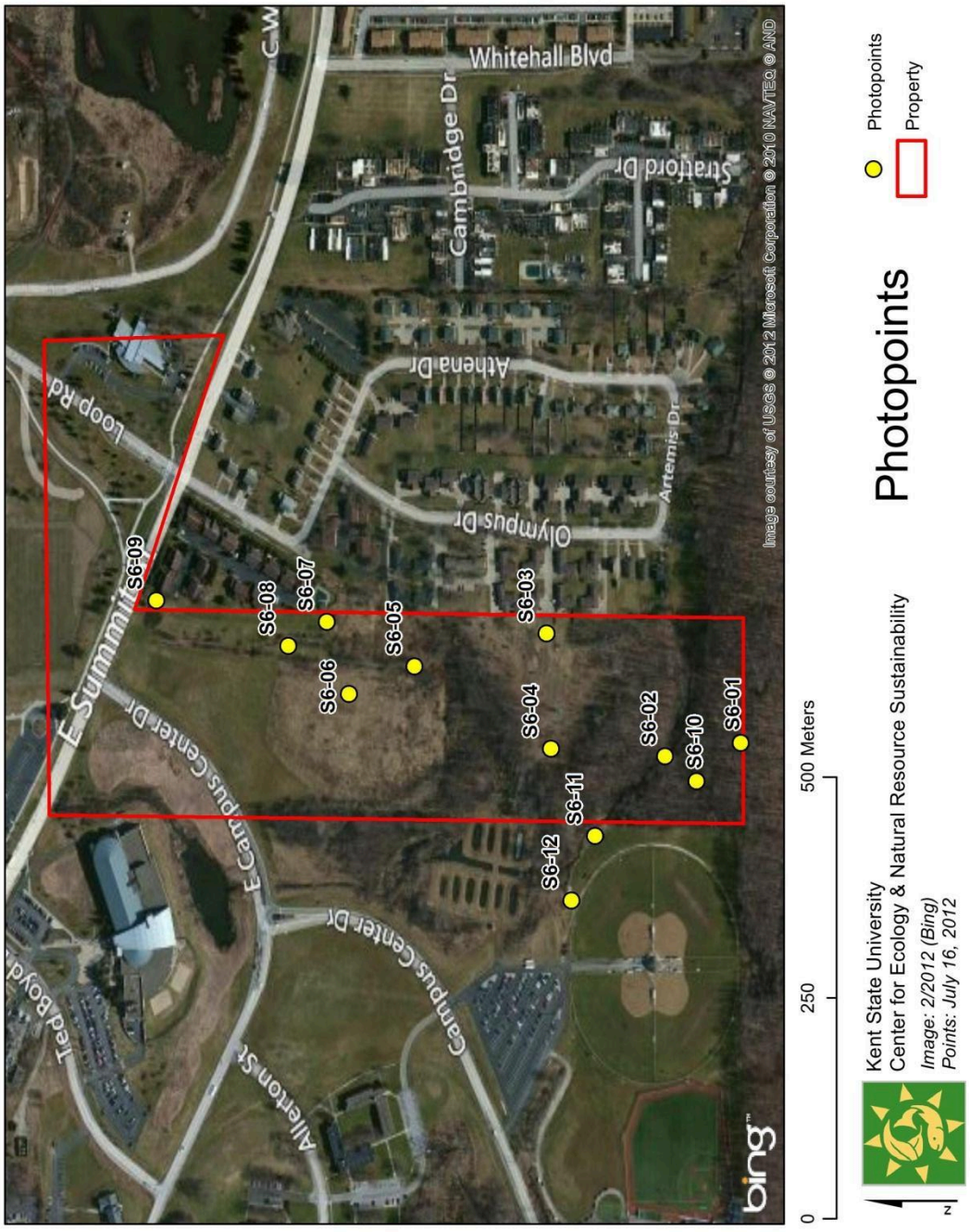
4.4 Encroachments/Trespassing

- The open-field area – Photo Point S6-03 – has evidence of off-roading/4x4. Some trash, cones, and other debris can be found in this area.
- What looks to be a pet cemetery – Photo Point S6-04 – is located just west of the open-field area adjacent to the residential area.

SECTION 5: LIST OF PHOTO POINTS

S6-01: *Southern Edge*
S6-02: *Small Creek*
S6-03: *East Boundary*
S6-04: *Pet Cemetery*
S6-05: *Partially Open Area*
S6-06: *Open Area*
S6-07: *Boundary Mark*
S6-08: *Old Fence Post*
S6-09: *Private Property Sign*
S6-10: *2 Bridges*
S6-11: *Creek continued*
S6-12: *Drainpipe*

SECTION 6: MAP OF PHOTO POINTS



SECTION 7: PHOTO POINT COORDINATES

Coordinate System: UTM UPS, NAD83, (meters)

Point Number	Latitude (°N)	Longitude (°W)	Elevation (ft)
S6-01	41 08.124	81 20.295	1098
S6-02	41 08.170	81 20.303	1107
S6-03	41 08.242	81 20.228	1085
S6-04	41 08.240	81 20.298	1095
S6-05	41 08.323	81 20.248	1092
S6-06	41 08.363	81 20.265	1126
S6-07	41 08.377	81 20.221	1087
S6-08	41 08.400	81 20.235	1101
S6-09	41 08.481	81 20.208	1144
S6-10	41 08.151	81 20.318	1095
S6-11	41 08.213	81 20.352	1144
S6-12	41 08.227	81 20.391	1074

GPS Points taken on July 16, 2012; using a Garmin eTrex Legend HCx GPS

Note: The longitude and latitude values were determined by a GPS unit. It should be noted that there is a small amount of error inherent with GPS readings.

SECTION 8: PHOTO POINT PHOTOS

S6-01: *Southern Edge*

S6-02: *Small Creek*



S6-03: *East Boundary*





S- tree line with goal



W- track area



N- trees/houses

E-street

S6-04: *Pet Cemetery*





S6-05: *Partially Open Area*



S6-06: *Open Area*

S6-07: *Boundary Mark*



N- Summit Rd



E- apartments/pool



S- wooded area/field



W- open field area

S6-08: *Old Fence Post*



S6-09: *Private Property Sign*





S6-10: *2 Bridges*



S6-11: *Creek continued*

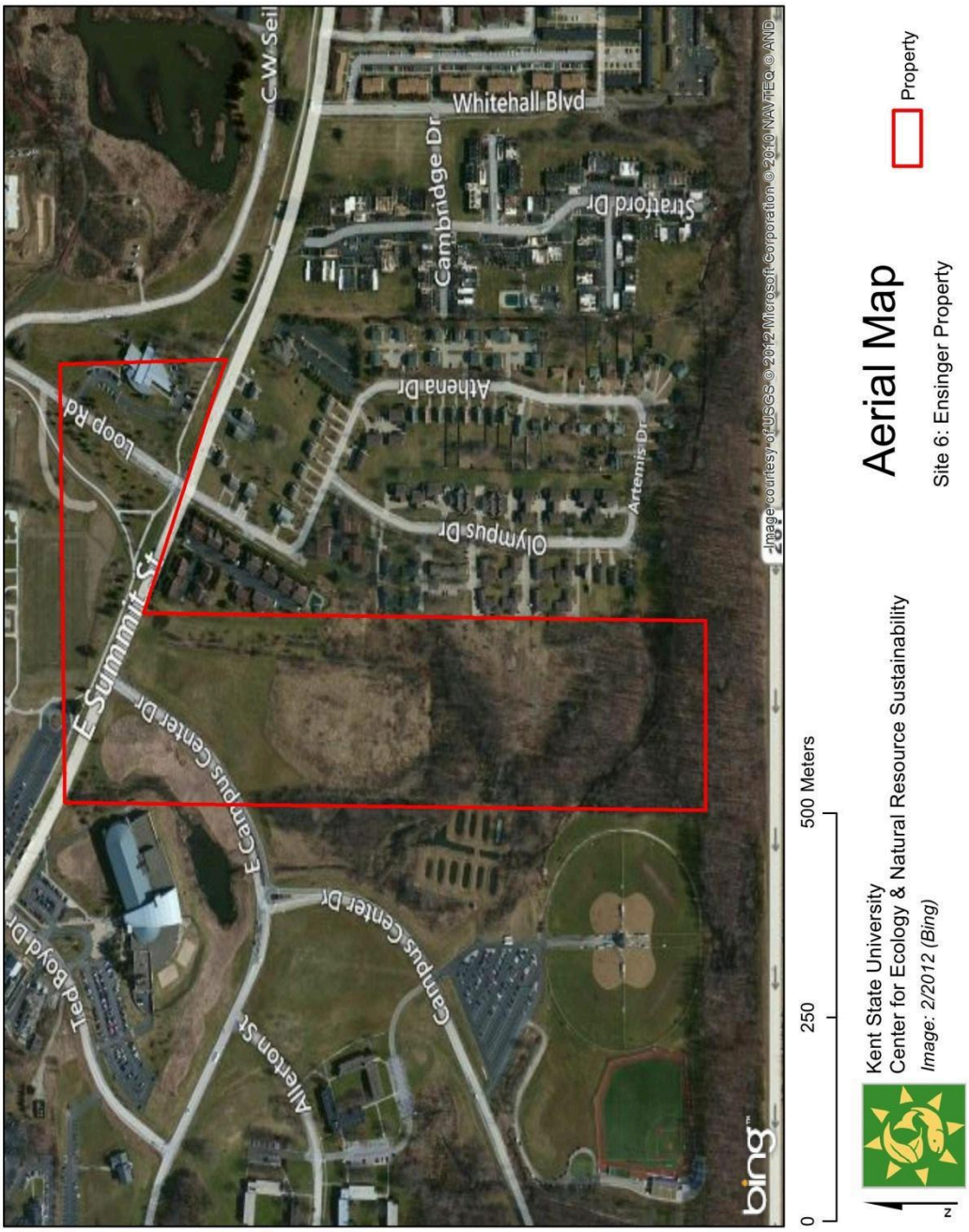


S6-12: *Drainpipe*



APPENDICES

APPENDIX A: MAPS





0 250 500 Meters

Kent State University
Center for Ecology & Natural Resource Sustainability
Image: 2/2012 (Bing)
Topography: Portage County Auditor (2ft)

Topography Map