PHANTOM LAKE YMCA CAMP ENVIRONMENTAL EDUCATION AND CONSERVATION OPERATIONS PLYC EECO 2018 Proposal and background

EECO PROJECT SITES Site 2: Compost Current site in need of **Phantom Lake** renovation. Food waste from the kitchen and dining hall combined with other biodegradeable waste is Site I: Camp Youth Garden repurposed into compost to Current site built in May of fertilize the gardens. 2018. A vegetable and herb B-Field garden with 5 reused canoes as raised beds beside a 7'x12'6" plot. A Field **Upper Parking Lot** Kettles Site 3: Agroforestry and School Garden Site 4: Habitat Restoration Potential future site to exand the youth garden Site of planned prairie restoration program. Features could include an agrofocused on promoting ecological forestry system where fruit and leguminous trees biodiversity and protecting are interspersed with vegetable crops. The system could possibly incorporate a chicken coop or dwarf goat habitat allowing the animals to consume waste, act as soil fertilizers, and generate dairy products. An additional plot be sectioned off for local school group use in the off season. Legend Tree line Project Site Site 5: Invasive Management The site is currently home to large L Lodge * Cabin swaths of invasive wild parsnip, which Soccer Field Trolley Station prevents recreational use of the area. Health Lodge The invasive has been cut in the past to prevent its growth, though has

Meters

SOIL CLASS KEY:*

Pole Barn

Dining Hall

Area annual averages: precipitation (31-38 in), air temperature (45-50°F), frost free period (124-194 days).

CrE: Casco-Rodman complex (loam to sandy loam texture) 20-30% slope, farmland class (not prime), excessively drained with low-medium runoff potential and no frequent flooding, Ksat (.57-2.0), avaliable water storage (5.3 in), available water storage (2.7 in), maximum CaCO3 (25-45%), nonsaline to slightly saline.

FSB: Fox silt loam 0-2% slope, farmland class (prime), well drained with low runoff potential and no frequent flooding, Ksat (.57-2.0), avaliable water storage (5.2 in), available water storage (2.7 in), maximum CaCO3 (25-45%), nonsaline to slightly saline.

FSB: Fox silt loam 2-6% slope, farmland class (prime), well drained with low runoff potential and no frequent flooding, Ksat (.57-2.0), avaliable water storage (5.2 in), awainable water storage (5.2 in), maximum CaCO3 (45%), nonsaline to slightly saline.

FSC2: Fox silt loam 0-2% slope, farmland class (prime), well drained with low runoff potential and no frequent flooding, Ksat (.57-2.0), avaliable water storage (5.2 in), awainable water s

LAND USE CODE KEY:

continually returned. Increase management is planned for the future.

111: Residential- single family farm or single familt nonfarm.
210: Commercial- retail sales and servces, intensive.
418: Transportation- local and collector stret, public roadways not

already included in the free way classification.
432: Transportation- off-street parking for commercial use.
437: Transportation- off-street parking for recreational use including

parking at natural areas.
732: Outdoor recreation- privately-owned land related outdoor

782: Outdoor recreation- privately-owned water related outdoor

811: Agriculture- cultivated lands of areas for row crops, grain co

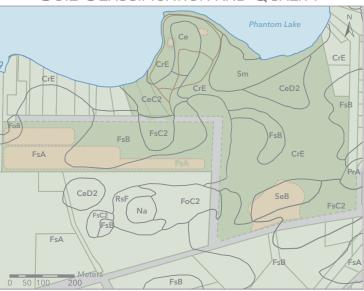
815: Agriculture- pasture land and unused agricultural land which has not yet succeeded into a wetland or woodland plant community though are often adjacent to

910: Natural areas and other lands- wetland where the water table is at or near the land surface, characteri hydric soil or other organic soils and by the growth of hydrophytes (sedges, cattails, tamarack). 940: Natural areas and other lands- woodlands

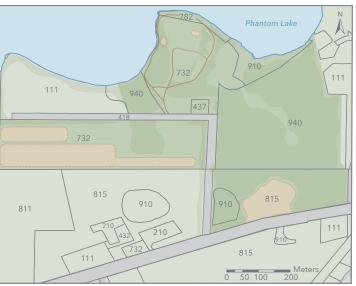
characterized by upland areas with either 17 or more decidious trees per acre, a coniferous tree plantation, or reforestation project. All lowland wooded areas are classfied as wetlands due to their high water tables.

Metadata
Cartographer: Delaney Gobster
Main, Soil, and Land Use Map
Scales: 1.5,000
Greater Phantom Map Scale:
1.35,000
Projection: GCS_WGS_1984
Geographic Data Source:
http://goodata.wisc.edu/opengeo-portal/
Soil Data Source: https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx
Land Use Data Source:
www.scwrpc.org/regionallandinformetadata/sewrpc_2010_lu_classifications.pdf
Symbol Source: https://thenour-

Soil Classification and Quality



Land Use Designations



PHANTOM LAKE

