

**Environmental Assessment
Determinations and Compliance Findings
for HUD-assisted Projects
24 CFR Part 58**

Project Information

Project Name: ARP--Covid19-Prepare--Supportive-Housing

HEROS Number: 900000010222056

Responsible Entity (RE): Keweenaw Bay Indian Community, 16429 Beartown Rd.
Baraga MI, 49908

RE Preparer: Dione Price, Environmental Specialist, Keweenaw Bay Indian Community

State / Local Identifier: N/A

Certifying Officer: Warren C. Swartz, Jr., President, Keweenaw Bay Indian Community

Grant Recipient (if different than Responsible Entity): Same as above

Point of Contact: Doreen Blaker, KBIC Housing and Dione Price, KBIC Natural Resources

Consultant (if applicable): N/A

Point of Contact: N/A

Project Location: Main Street, Baraga, MI 49908

Additional Location Information:

Part of the Southeast Quarter of the Southeast Quarter (SE1/4 of the SE1/4) of Section 28,
T. 51 N., R. 33 W., Michigan Meridian, Village of Baraga, Baraga County, Michigan Street
address not available at this time.

Direct Comments to:

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The KBIC Tribal Council is committed to addressing the issues of homelessness and understands the vulnerability of families to Co-Vid 19 who do not have permanent shelter. The Council has committed funding to the construction or renovation of a structure for a supportive housing. Infrastructure will be needed for a supportive housing complex that will include 10 apartments for six single units and four families units. There will also be space for counseling offices for wrap around services to help people suffering from substance abuse and mental instability. The Co-Vid 19 pandemic has seen an increase in homelessness on the reservation due to a variety of reasons with the Co-Vid 19 pandemic exacerbating the problems.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

The KBIC Tribal Council is committed to addressing the issues of homelessness and understands the vulnerability of families to Co-Vid 19 who do not have permanent shelter. The Council has committed funding to the construction or renovation of a structure for a supportive housing. Infrastructure will be needed for a supportive housing complex that will include 10 apartments for six single units and four families units. There will also be space for counseling offices for wrap around services to help people suffering from substance abuse and mental instability. The Co-Vid 19 pandemic has seen an increase in homelessness on the reservation due to a variety of reasons with the Co-Vid 19 pandemic exacerbating the problems.

Existing Conditions and Trends [24 CFR 58.40(a)]:

Substance abuse/ mental health problems may have stemmed or increased from the Covid-19 pandemic crisis. Adding to the increase in homelessness on the reservation, supportive housing will help to reduce exposure and vulnerability to Covid-19 by providing permanent shelter for those suffering from homelessness due to physical and mental issues associated with substance abuse.

Maps, photographs, and other documentation of project location and description:

[KBIC OHD Land Use Supportive Housing 3.pdf](#)

[Image 6 blue tarp.jpg](#)

[Image 5 drain pipe2.jpg](#)

[Image 4 drain pipe.jpg](#)

[Image 3 tarp.jpg](#)

[Image 2plastic debris.jpg](#)

[Image 1 roofing material.jpg](#)

[Site visit 2021 field book.pdf](#)

[general map\(1\).pdf](#)

Determination:

✓	Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.13] The project will not result in a significant impact on the quality of human environment
	Finding of Significant Impact

Approval Documents:

7015.15 certified by Certifying Officer on:

7015.16 certified by Authorizing Officer on:

Funding Information

Grant / Project Identification Number	HUD Program	Program Name
21AH2632680	Indian Housing	Indian Housing Block Grant CARES Act (IHBG-CARES)

Estimated Total HUD Funded, Assisted or Insured Amount: \$1,358,601.00

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$545,000.00

Compliance with 24 CFR §50.4, §58.5 and §58.6 Laws and Authorities

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4, §58.5, and §58.6	Are formal compliance steps or mitigation required?	Compliance determination (See Appendix A for source determinations)
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.6		
Airport Hazards Clear Zones and Accident Potential Zones; 24 CFR Part 51 Subpart D	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements. The closest civilian airport is located 130,970 feet.

<p>Coastal Barrier Resources Act Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project is not located in a CBRS Unit. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.</p>
<p>Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Based on the project description the project includes no activities that would require further evaluation under this section. The project does not require flood insurance or is excepted from flood insurance as the project site is located outside the 500-year floodplain.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.5</p>		
<p>Air Quality Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The project's county or air quality management district is in attainment status for all criteria pollutants. The project is in compliance with the Clean Air Act.</p>
<p>Coastal Zone Management Act Coastal Zone Management Act, sections 307(c) & (d)</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project is not located in or does not affect a Coastal Zone as defined in the state Coastal Management Plan. The project is in compliance with the Coastal Zone Management Act.</p>
<p>Contamination and Toxic Substances 24 CFR 50.3(i) & 58.5(i)(2)]</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>Endangered Species Act Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The project is located in an urban area near already developed areas. This project will have No Effect on listed species due to the nature of the activities involved in the project. This project is in compliance with the Endangered Species Act.</p>
<p>Explosive and Flammable Hazards Above-Ground Tanks)[24 CFR Part 51 Subpart C</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Based on the project description the project includes no activities that would require further evaluation under this section. The project is in compliance with explosive and flammable hazard requirements.</p>
<p>Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project does not include any activities that could potentially convert agricultural land to a non-agricultural use. The project is in compliance with the Farmland Protection Policy Act.</p>

<p>Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The project is located in a 500-year floodplain. Based on the project description this project is not a critical action, so an 8-Step process is not required. The project is in compliance with Executive Order 11988. Digital imagery is not currently available within FEMA's FIRM mapping system. The KBIC Natural Resources Department worked with, Luis Verissimo, Geospatial Consultant, for updated maps and flood hazard analysis (attached). This consultation occurred from November 1, 2021 through November 15, 2021. These maps can be used to develop a site plan that will avoid important drainage areas within the property.</p>
<p>Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Based on Section 106 consultation there are No Historic Properties Affected because there are no historic properties present. No structures were identified on the project property. The project is in compliance with Section 106.</p>
<p>Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The Preliminary Screening identified no noise generators in the vicinity of the project. The project is in compliance with HUD's Noise regulation. All major noise generators are greater than 500 miles from proposed project area per Partner ESI reference website.</p>
<p>Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The project is not located on a sole source aquifer area. The project is in compliance with Sole Source Aquifer requirements.</p>
<p>Wetlands Protection Executive Order 11990, particularly sections 2 and 5</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>The project will not impact on- or off-site wetlands. The project is in compliance with Executive Order 11990.</p>
<p>Wild and Scenic Rivers Act Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project is not within proximity of a NWSRS river. The project is in compliance with the Wild and Scenic Rivers Act.</p>
<p>HUD HOUSING ENVIRONMENTAL STANDARDS</p>		
<p>ENVIRONMENTAL JUSTICE</p>		

Environmental Justice Executive Order 12898	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No adverse environmental impacts were identified in the project's total environmental review. The project is in compliance with Executive Order 12898.
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Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]

Impact Codes: An impact code from the following list has been used to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement.

Environmental Assessment Factor	Impact Code	Impact Evaluation	Mitigation
LAND DEVELOPMENT			
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The proposed project location is consistent with KBIC's development plans and will be located in a residential and urban area. Site reconnaissance indicated there would be minimal need to landform changes or tree loss.	
Soil Suitability / Slope/ Erosion / Drainage and Storm Water Runoff	2	The property consists of a 100yr floodplain along the southern boarder of the property that is a deep drainage ditch. Through the middle of the property, there is a 500yr floodplain drainage	
Hazards and Nuisances including Site Safety and Site-Generated Noise	2	To obtain permits, the proposed project will comply with local zoning, building, and health codes that are designed to prevent hazardous conditions and/ or nuisances. Site reconnaissance confirmed that the project locations surrounded by single family homes, government buildings, and existing solar panels. With no airports in the vicinity, noise attributions are below acceptable thresholds.	
Energy Consumption/Energy Efficiency	2	The project will incorporate energy efficient appliances and fixtures where	

Environmental Assessment Factor	Impact Code	Impact Evaluation	Mitigation
LAND DEVELOPMENT			
		reasonable possible with consideration for renewable energy components.	
SOCIOECONOMIC			
Employment and Income Patterns	1	The project will provide temporary employment during construction and additional opportunities within program development and operations.	
Demographic Character Changes / Displacement	2	The project involves construction of a 15,000 sq. ft. building with foundation. There will be no basement. The demographics and character of the area are not expected to displace any residents.	
COMMUNITY FACILITIES AND SERVICES			
Educational and Cultural Facilities (Access and Capacity)	1	The facilities will be serving community members from within the area. This will not result in a net change in student population in area schools.	
Commercial Facilities (Access and Proximity)	2	The proposed facilities will serve community members within the area. There will not be an additional burden upon or result in adverse impacts upon neighborhood, community, or regional commercial establishments.	
Health Care / Social Services (Access and Capacity)	1	The proposed facilities will provide a means in the demand for additional health and social services needed for the community.	
Solid Waste Disposal and Recycling (Feasibility and Capacity)	2	Solid waste pickup is available through the KBIC Solid Waste Facility.	
Waste Water and Sanitary Sewers (Feasibility and Capacity)	2	The proposed project will be connected to the municipal sanitary sewer system.	
Water Supply (Feasibility and Capacity)	2	The proposed project will be connected to the municipal water supply.	
Public Safety - Police, Fire and Emergency Medical	2	The facilities will serve community members from within the area and will not result in a net change in the local need for public safety services. The project is located within the Village of Baraga in an existing residential and	

Environmental Assessment Factor	Impact Code	Impact Evaluation	Mitigation
LAND DEVELOPMENT			
		commercial neighborhood. KBIC's Tribal Police Department is located	
Parks, Open Space and Recreation (Access and Capacity)	2	Property is currently undeveloped open space with fruit trees and wild berries surrounded by urban setting.	
Transportation and Accessibility (Access and Capacity)	2	The project is located within the Village of Baraga in an existing residential and commercial area. The existing driveway into the property will be imposed. The small increase in traffic will not adversely impact transportation facilities.	
NATURAL FEATURES			
Unique Natural Features /Water Resources	2	With the consideration of maintaining the 500 yr floodplain, the project area will not adversely impact unique or locally important natural features. The project will be supplied with municipal water and sewer services, therefore on-site water resources will not be affected.	
Vegetation / Wildlife (Introduction, Modification, Removal, Disruption, etc.)	2	Potential wildlife corridor within urban setting. Evidence of deer movement within apple orchard. KBIC Wildlife Biologist indicated that no sensitive plant species were observed and no listed animal species are known to use the project property.	
Other Factors	2	None	

Supporting documentation

[Baraga Supportive Housing Project Flood Hazard Aid MAP1\(2\).pdf](#)

Additional Studies Performed:

Field Inspection [Optional]: Date and completed

by:

Dione Price

10/8/2021 12:00:00 AM

[Image 6 blue tarp.jpg](#)
[Image 5 drain pipe2.jpg](#)
[Image 4 drain pipe.jpg](#)
[Image 3 tarp.jpg](#)
[Image 2plastic debris.jpg](#)
[Image 1 roofing material.jpg](#)
[Site visit 2021 field book.pdf](#)
[general map\(1\).pdf](#)

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

1. Erin Johnston, KBIC Wildlife Biologist 2. Alden Connor, KBIC Tribal Historic Preservation Office 3. Luis Verissimo, Geospatial Consultant 4. Michigan Department of Environment, Great Lakes, and Energy Coastal Management Program at https://www.michigan.gov/documents/deq/lwm-czm-baraga-bl_266217_7.pdf 5. Michigan Department of Environment, Great Lakes, and Energy Wetlands Map Viewer at <https://www.mcgi.state.mi.us/wetlands/mcgiMap.html> 6. State of Michigan State Historical Preservation Office Correspondence 7. U.S. Environmental Protection Agency Green Book for National Ambient Air Quality Standards designations at <https://www3.epa.gov/airquality/greenbook/mapnmpoll.html> 8. U.S. Environmental Protection Agency sole source aquifers at <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b> 9. U.S. Fish and Wildlife Service Coastal Barrier Resources System Mapper at <https://www.fws.gov/CBRA/Maps/Mapper.html> 10. U.S. Fish and Wildlife Service Environmental Conservation Online System at <https://ecos.fws.gov/ecp0/reports/species-by-current-range-county?fips=26013> 11. Federal Emergency Management Agency National Flood Insurance Program

List of Permits Obtained:

Permits have not been obtained at this time.

Public Outreach [24 CFR 58.43]:

A Finding of No Significant Impact notice and 15 day comment period were provided for the environmental review

Cumulative Impact Analysis [24 CFR 58.32]:

Based on the above information, the proposed project area is adjacent to an already developed residential and commercial area within the Village of Baraga and will not result in a significant impact on the quality of the environment. The recognition and maintenance of the 500yr floodplain drainage within the property should remain.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

No other considerations provided at this time.

No Action Alternative [24 CFR 58.40(e)]

If the project does not proceed, the property will remain vacant and unused until additional plans are made in the future. A need for housing for the homeless will remain and an alternative location would need to be found.

Summary of Findings and Conclusions:

Based on the above information, the proposed project area is adjacent to an already developed residential and commercial area within the Village of Baraga and will not result in a significant impact on the quality of the environment. The recognition and maintenance of the 500yr floodplain drainage within the property should remain. There will be an increase in available employment based on the construction of the facility.

Mitigation Measures and Conditions [CFR 1505.2(c)]:

Summarized below are all mitigation measures adopted by the Responsible Entity to reduce, avoid or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure or Condition	Comments on Completed Measures	Mitigation Plan	Complete
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Project Mitigation Plan

Supporting documentation on completed measures

APPENDIX A: Related Federal Laws and Authorities

Airport Hazards

General policy	Legislation	Regulation
It is HUD's policy to apply standards to prevent incompatible development around civil airports and military airfields.		24 CFR Part 51 Subpart D

1. To ensure compatible land use development, you must determine your site's proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?

No

Based on the response, the review is in compliance with this section. Document and upload the map showing that the site is not within the applicable distances to a military or civilian airport below

Yes

Screen Summary

Compliance Determination

The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements. The closest civilian airport is located 130,970 feet.

Supporting documentation

[Airport Hazards.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Coastal Barrier Resources

General requirements	Legislation	Regulation
HUD financial assistance may not be used for most activities in units of the Coastal Barrier Resources System (CBRS). See 16 USC 3504 for limitations on federal expenditures affecting the CBRS.	Coastal Barrier Resources Act (CBRA) of 1982, as amended by the Coastal Barrier Improvement Act of 1990 (16 USC 3501)	

1. Is the project located in a CBRS Unit?

No

Document and upload map and documentation below.

Yes

Compliance Determination

This project is not located in a CBRS Unit. Therefore, this project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.

Supporting documentation

[Coastal Barrier Resources.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Flood Insurance

General requirements	Legislation	Regulation
Certain types of federal financial assistance may not be used in floodplains unless the community participates in National Flood Insurance Program and flood insurance is both obtained and maintained.	Flood Disaster Protection Act of 1973 as amended (42 USC 4001-4128)	24 CFR 50.4(b)(1) and 24 CFR 58.6(a) and (b); 24 CFR 55.1(b).

1. Does this project involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property?

- No. This project does not require flood insurance or is excepted from flood insurance.

Based on the response, the review is in compliance with this section.

Yes

4. While flood insurance is not mandatory for this project, HUD strongly recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). Will flood insurance be required as a mitigation measure or condition?

Yes

No

Screen Summary

Compliance Determination

Based on the project description the project includes no activities that would require further evaluation under this section. The project does not require flood insurance or is excepted from flood insurance as the project site is located outside the 500-year floodplain.

Supporting documentation

[Baraga Supportive Housing Project Flood Hazard Aid MAP2.pdf](#)

[Baraga Supportive Housing Project Flood Hazard Aid MAP1.pdf](#)

Are formal compliance steps or mitigation required?

Yes

- No

Air Quality

General requirements	Legislation	Regulation
The Clean Air Act is administered by the U.S. Environmental Protection Agency (EPA), which sets national standards on ambient pollutants. In addition, the Clean Air Act is administered by States, which must develop State Implementation Plans (SIPs) to regulate their state air quality. Projects funded by HUD must demonstrate that they conform to the appropriate SIP.	Clean Air Act (42 USC 7401 et seq.) as amended particularly Section 176(c) and (d) (42 USC 7506(c) and (d))	40 CFR Parts 6, 51 and 93

1. Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?

Yes

No

Air Quality Attainment Status of Project's County or Air Quality Management District

2. Is your project's air quality management district or county in non-attainment or maintenance status for any criteria pollutants?

No, project's county or air quality management district is in attainment status for all criteria pollutants.

Yes, project's management district or county is in non-attainment or maintenance status for the following criteria pollutants (check all that apply):

Screen Summary

Compliance Determination

The project's county or air quality management district is in attainment status for all criteria pollutants. The project is in compliance with the Clean Air Act.

Supporting documentation

Are formal compliance steps or mitigation required?

Yes

No

Coastal Zone Management Act

General requirements	Legislation	Regulation
Federal assistance to applicant agencies for activities affecting any coastal use or resource is granted only when such activities are consistent with federally approved State Coastal Zone Management Act Plans.	Coastal Zone Management Act (16 USC 1451-1464), particularly section 307(c) and (d) (16 USC 1456(c) and (d))	15 CFR Part 930

1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

Yes

No

Based on the response, the review is in compliance with this section. Document and upload all documents used to make your determination below.

Screen Summary

Compliance Determination

This project is not located in or does not affect a Coastal Zone as defined in the state Coastal Management Plan. The project is in compliance with the Coastal Zone Management Act.

Supporting documentation

[Coastal Zone Boundary Maps supportive housing.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Contamination and Toxic Substances

General requirements	Legislation	Regulations
It is HUD policy that all properties that are being proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of the occupants or conflict with the intended utilization of the property.		24 CFR 58.5(i)(2) 24 CFR 50.3(i)

1. How was site contamination evaluated? Select all that apply. Document and upload documentation and reports and evaluation explanation of site contamination below.

- American Society for Testing and Materials (ASTM) Phase I Environmental Site Assessment (ESA)
- ASTM Phase II ESA
- Remediation or clean-up plan
- ASTM Vapor Encroachment Screening

None of the Above

2. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

No

Explain:

A thorough site walk-through was completed. There was no evidence of soil staining, hazardous waste disposal or storage, and there is no history on any such contamination on property.

Based on the response, the review is in compliance with this section.

Yes

Screen Summary

Compliance Determination

Supporting documentation

Are formal compliance steps or mitigation required?

Yes

✓ No

Endangered Species

General requirements	ESA Legislation	Regulations
Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure that actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service (“FWS” and “NMFS” or “the Services”).	The Endangered Species Act of 1973 (16 U.S.C. 1531 <i>et seq.</i>); particularly section 7 (16 USC 1536).	50 CFR Part 402

1. Does the project involve any activities that have the potential to affect species or habitats?

- ✓ No, the project will have No Effect due to the nature of the activities involved in the project.

This selection is only appropriate if none of the activities involved in the project have potential to affect species or habitats. Examples of actions without potential to affect listed species may include: purchasing existing buildings, completing interior renovations to existing buildings, and replacing exterior paint or siding on existing buildings.

Based on the response, the review is in compliance with this section.

No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office

Yes, the activities involved in the project have the potential to affect species and/or habitats.

Screen Summary

Compliance Determination

The project is located in an urban area near already developed areas. This project will have No Effect on listed species due to the nature of the activities involved in the project. This project is in compliance with the Endangered Species Act.

Supporting documentation

[Section 7 review supportive housing.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Explosive and Flammable Hazards

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C

1. Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?

No

Yes

2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?

No

Based on the response, the review is in compliance with this section.

Yes

Screen Summary

Compliance Determination

Based on the project description the project includes no activities that would require further evaluation under this section. The project is in compliance with explosive and flammable hazard requirements.

Supporting documentation

Are formal compliance steps or mitigation required?

Yes

No

Farmlands Protection

General requirements	Legislation	Regulation
The Farmland Protection Policy Act (FPPA) discourages federal activities that would convert farmland to nonagricultural purposes.	Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.)	7 CFR Part 658

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

Yes

No

If your project includes new construction, acquisition of undeveloped land or conversion, explain how you determined that agricultural land would not be converted:

The proposed project is located in a residential and commercial area within village limits within the L'Anse Indian Reservation external boundaries.

Based on the response, the review is in compliance with this section. Document and upload all documents used to make your determination below.

Screen Summary

Compliance Determination

This project does not include any activities that could potentially convert agricultural land to a non-agricultural use. The project is in compliance with the Farmland Protection Policy Act.

Supporting documentation

[Dwellings and Small Commercial Buildings Baraga County Michigan.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Floodplain Management

General Requirements	Legislation	Regulation
Executive Order 11988, Floodplain Management, requires federal activities to avoid impacts to floodplains and to avoid direct and indirect support of floodplain development to the extent practicable.	Executive Order 11988	24 CFR 55

1. Do any of the following exemptions apply? Select the applicable citation? [only one selection possible]

- 55.12(c)(3)
- 55.12(c)(4)
- 55.12(c)(5)
- 55.12(c)(6)
- 55.12(c)(7)
- 55.12(c)(8)
- 55.12(c)(9)
- 55.12(c)(10)
- 55.12(c)(11)

None of the above

2. Upload a FEMA/FIRM map showing the site here:

[FEMA FIRM.pdf](#)

The Federal Emergency Management Agency (FEMA) designates floodplains. The FEMA Map Service Center provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs). For projects in areas not mapped by FEMA, use **the best available information** to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site.

Does your project occur in a floodplain?

No

Yes

Select the applicable floodplain using the FEMA map or the best available information:

Floodway

Coastal High Hazard Area (V Zone)

100-year floodplain (A Zone)

✓ 500-year floodplain (B Zone or shaded X Zone)

500-year Floodplain

Is this a critical action?

✓ No

Based on the response, the review is in compliance with this section.

Yes

Screen Summary

Compliance Determination

The project is located in a 500-year floodplain. Based on the project description this project is not a critical action, so an 8-Step process is not required. The project is in compliance with Executive Order 11988. Digital imagery is not currently available within FEMA's FIRM mapping system. The KBIC Natural Resources Department worked with, Luis Verissimo, Geospatial Consultant, for updated maps and flood hazard analysis (attached). This consultation occurred from November 1, 2021 through November 15, 2021. These maps can be used to develop a site plan that will avoid important drainage areas within the property.

Supporting documentation

[Baraga Supportive Housing Project Flood Hazard Aid MAP2\(1\).pdf](#)

[Baraga Supportive Housing Project Flood Hazard Aid MAP1\(1\).pdf](#)

Are formal compliance steps or mitigation required?

Yes

✓ No

Historic Preservation

General requirements	Legislation	Regulation
Regulations under Section 106 of the National Historic Preservation Act (NHPA) require a consultative process to identify historic properties, assess project impacts on them, and avoid, minimize, or mitigate adverse effects	Section 106 of the National Historic Preservation Act (16 U.S.C. 470f)	36 CFR 800 "Protection of Historic Properties" https://www.govinfo.gov/content/pkg/CFR-2012-title36-vol3/pdf/CFR-2012-title36-vol3-part800.pdf

Threshold

Is Section 106 review required for your project?

No, because the project consists solely of activities listed as exempt in a Programmatic Agreement (PA). (See the PA Database to find applicable PAs.)

No, because the project consists solely of activities included in a No Potential to Cause Effects memo or other determination [36 CFR 800.3(a)(1)].

- ✓ Yes, because the project includes activities with potential to cause effects (direct or indirect).

Step 1 – Initiate Consultation

Select all consulting parties below (check all that apply):

- ✓ Indian Tribes, including Tribal Historic Preservation Officers (THPOs) or Native Hawaiian Organizations (NHOs)

✓ Keweenaw Bay Indian
Community

Completed

Other Consulting Parties

Describe the process of selecting consulting parties and initiating consultation here:

The proposed project property lies within the external boundaries of the L'Anse Indian Reservation on tribal property. Consultation with the KBIC THPO Office was initiated.

Document and upload all correspondence, notices and notes (including comments and objections received below).

Was the Section 106 Lender Delegation Memo used for Section 106 consultation?

Yes

No

Step 2 – Identify and Evaluate Historic Properties

1. **Define the Area of Potential Effect (APE), either by entering the address(es) or uploading a map depicting the APE below:**

In the chart below, list historic properties identified and evaluated in the APE. Every historic property that may be affected by the project should be included in the chart.

Upload the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination below.

Address / Location / District	National Register Status	SHPO Concurrence	Sensitive Information
-------------------------------	--------------------------	------------------	-----------------------

Additional Notes:

2. **Was a survey of historic buildings and/or archeological sites done as part of the project?**

✓ Yes

Document and upload surveys and report(s) below.
For Archeological surveys, refer to HP Fact Sheet #6, Guidance on Archeological Investigations in HUD Projects.

Additional Notes:

No

Step 3 –Assess Effects of the Project on Historic Properties

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. (36 CFR 800.5)] Consider direct and indirect effects as applicable as per guidance on direct and indirect effects.

Choose one of the findings below - No Historic Properties Affected, No Adverse Effect, or Adverse Effect; and seek concurrence from consulting parties.

✓ No Historic Properties Affected

Based on the response, the review is in compliance with this section. Document and upload concurrence(s) or objection(s) below.

Document reason for finding:

✓ No historic properties present.

Historic properties present, but project will have no effect upon them.

No Adverse Effect

Adverse Effect

Screen Summary
Compliance Determination

Based on Section 106 consultation there are No Historic Properties Affected because there are no historic properties present. No structures were identified on the project property. The project is in compliance with Section 106.

Supporting documentation

[106 review.pdf](#)

Are formal compliance steps or mitigation required?

Yes

✓ No

Noise Abatement and Control

General requirements	Legislation	Regulation
HUD's noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972 General Services Administration Federal Management Circular 75-2: "Compatible Land Uses at Federal Airfields"	Title 24 CFR 51 Subpart B

1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

Rehabilitation of an existing residential property

A research demonstration project which does not result in new construction or reconstruction

An interstate land sales registration

Any timely emergency assistance under disaster assistance provision or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

None of the above

4. Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).

Indicate the findings of the Preliminary Screening below:

- There are no noise generators found within the threshold distances above.

Based on the response, the review is in compliance with this section. Document and upload a map showing the location of the project relative to any noise generators below.

Noise generators were found within the threshold distances.

Screen Summary

Compliance Determination

The Preliminary Screening identified no noise generators in the vicinity of the project. The project is in compliance with HUD's Noise regulation. All major noise generators are greater than 500 miles from proposed project area per Partner ESI reference website.

Supporting documentation

Are formal compliance steps or mitigation required?

Yes

✓ No

Sole Source Aquifers

General requirements	Legislation	Regulation
The Safe Drinking Water Act of 1974 protects drinking water systems which are the sole or principal drinking water source for an area and which, if contaminated, would create a significant hazard to public health.	Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300f et seq., and 21 U.S.C. 349)	40 CFR Part 149

1. Does the project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)?

Yes

✓ No

2. Is the project located on a sole source aquifer (SSA)?

A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

✓ No

Based on the response, the review is in compliance with this section. Document and upload documentation used to make your determination, such as a map of your project (or jurisdiction, if appropriate) in relation to the nearest SSA and its source area, below.

Yes

Screen Summary

Compliance Determination

The project is not located on a sole source aquifer area. The project is in compliance with Sole Source Aquifer requirements.

Supporting documentation

[Sole Source Aquifer supp housing.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Wetlands Protection

General requirements	Legislation	Regulation
Executive Order 11990 discourages direct or indirect support of new construction impacting wetlands wherever there is a practicable alternative. The Fish and Wildlife Service's National Wetlands Inventory can be used as a primary screening tool, but observed or known wetlands not indicated on NWI maps must also be processed. Off-site impacts that result in draining, impounding, or destroying wetlands must also be processed.	Executive Order 11990	24 CFR 55.20 can be used for general guidance regarding the 8 Step Process.

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building's footprint, or ground disturbance? The term "new construction" shall include draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun or authorized after the effective date of the Order

No

Yes

2. Will the new construction or other ground disturbance impact an on- or off-site wetland? The term "wetlands" means those areas that are inundated by surface or ground water with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds.

"Wetlands under E.O. 11990 include isolated and non-jurisdictional wetlands."

No, a wetland will not be impacted in terms of E.O. 11990's definition of new construction.

Based on the response, the review is in compliance with this section. Document and upload a map or any other relevant documentation below which explains your determination

Yes, there is a wetland that be impacted in terms of E.O. 11990's definition of new construction.

Screen Summary

Compliance Determination

The project will not impact on- or off-site wetlands. The project is in compliance with Executive Order 11990.

Supporting documentation

[Wetlands Protection Map Supp housing baraga.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Supporting Documentation

Wild and Scenic Rivers Act

General requirements	Legislation	Regulation
The Wild and Scenic Rivers Act provides federal protection for certain free-flowing, wild, scenic and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS) from the effects of construction or development.	The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287), particularly section 7(b) and (c) (16 U.S.C. 1278(b) and (c))	36 CFR Part 297

1. Is your project within proximity of a NWSRS river?

No

Yes, the project is in proximity of a Designated Wild and Scenic River or Study Wild and Scenic River.

Yes, the project is in proximity of a Nationwide Rivers Inventory (NRI) River.

Screen Summary

Compliance Determination

This project is not within proximity of a NWSRS river. The project is in compliance with the Wild and Scenic Rivers Act.

Supporting documentation

[Nationwide Rivers Inventory supp housing.pdf](#)

Are formal compliance steps or mitigation required?

Yes

No

Environmental Justice

General requirements	Legislation	Regulation
Determine if the project creates adverse environmental impacts upon a low-income or minority community. If it does, engage the community in meaningful participation about mitigating the impacts or move the project.	Executive Order 12898	

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

1. Were any adverse environmental impacts identified in any other compliance review portion of this project's total environmental review?

Yes

No

Based on the response, the review is in compliance with this section.

Screen Summary

Compliance Determination

No adverse environmental impacts were identified in the project's total environmental review. The project is in compliance with Executive Order 12898.

Supporting documentation

Are formal compliance steps or mitigation required?

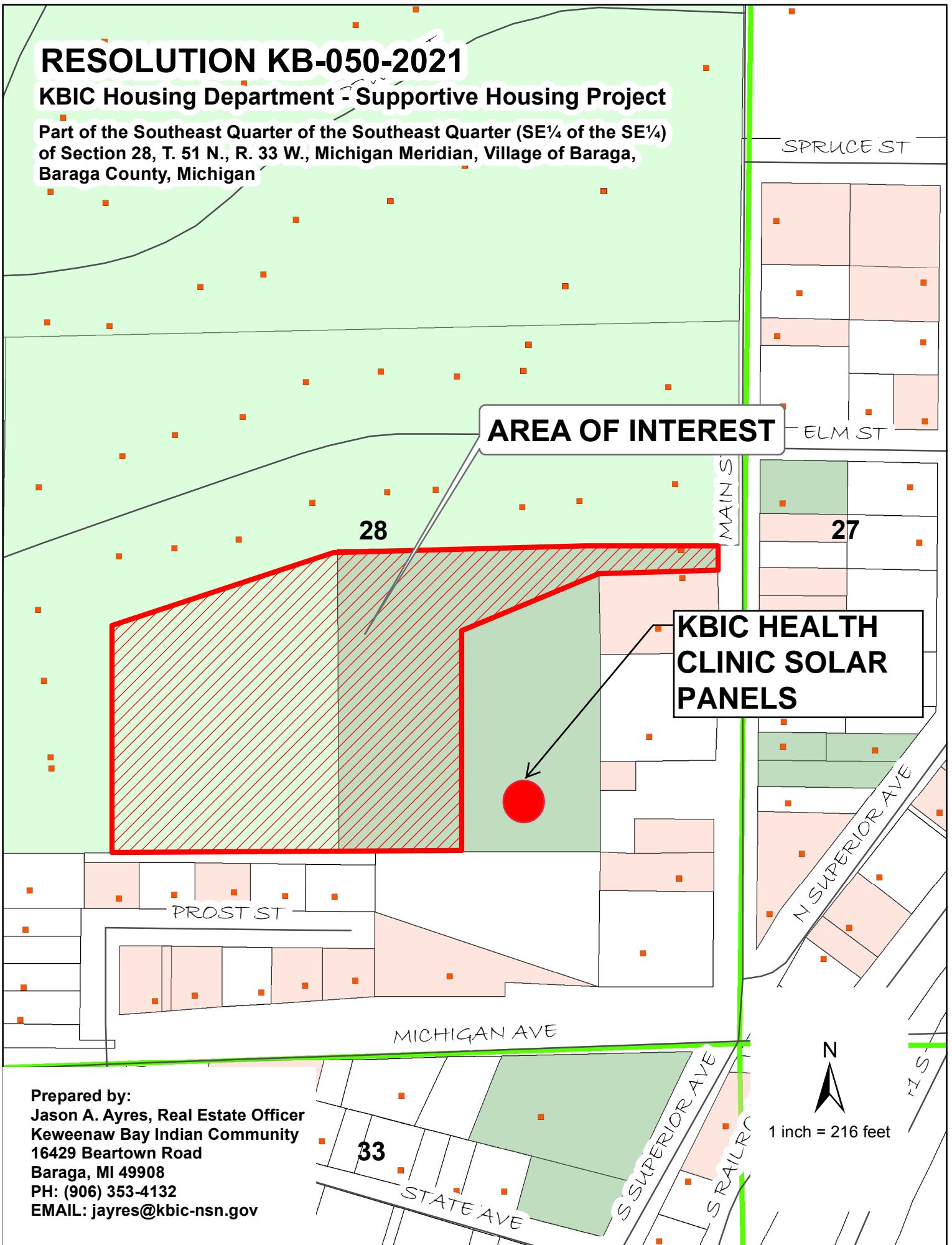
Yes

No

RESOLUTION KB-050-2021

KBIC Housing Department - Supportive Housing Project

Part of the Southeast Quarter of the Southeast Quarter (SE $\frac{1}{4}$ of the SE $\frac{1}{4}$) of Section 28, T. 51 N., R. 33 W., Michigan Meridian, Village of Baraga, Baraga County, Michigan



Prepared by:
Jason A. Ayres, Real Estate Officer
Keweenaw Bay Indian Community
16429 Beartown Road
Baraga, MI 49908
PH: (906) 353-4132
EMAIL: jayres@kbic-nsn.gov













CONTENTS

PAGE	REFERENCE	DATE

Location Suppave Husky SV Date 14/8/2021
 Project / Client Banaga, M1 10:45 AM
 District Sustin Grassy 64° W NE 4 mph

S corner - intermittent waterway borders
 property

Image 1 → Roofing material $46^{\circ}46'53''N$
 $88^{\circ}29'31''W$

NW → SE return, waterway across prop.

Image 2 → Plastic debris $46^{\circ}46'53''N$
 $88^{\circ}29'32''W$

Image 3 → Plastic tarp $46^{\circ}46'53''N$
 Blank, Ø und $88^{\circ}29'32''W$

Image 4⁴⁵ → brown tilt $46^{\circ}46'53''N$
 black leaves / ~~so~~ $88^{\circ}29'31''$
 soil stain/odor

Image 6 Blue tarp $46^{\circ}46'54''N$
 old camp log p. 1 $88^{\circ}29'30''W$

4 wheel trail around perimeter
 Deer Activity

KBIC Supportive Housing Project

Write a description for your map.

Legend



Google Earth

© 2021 Google

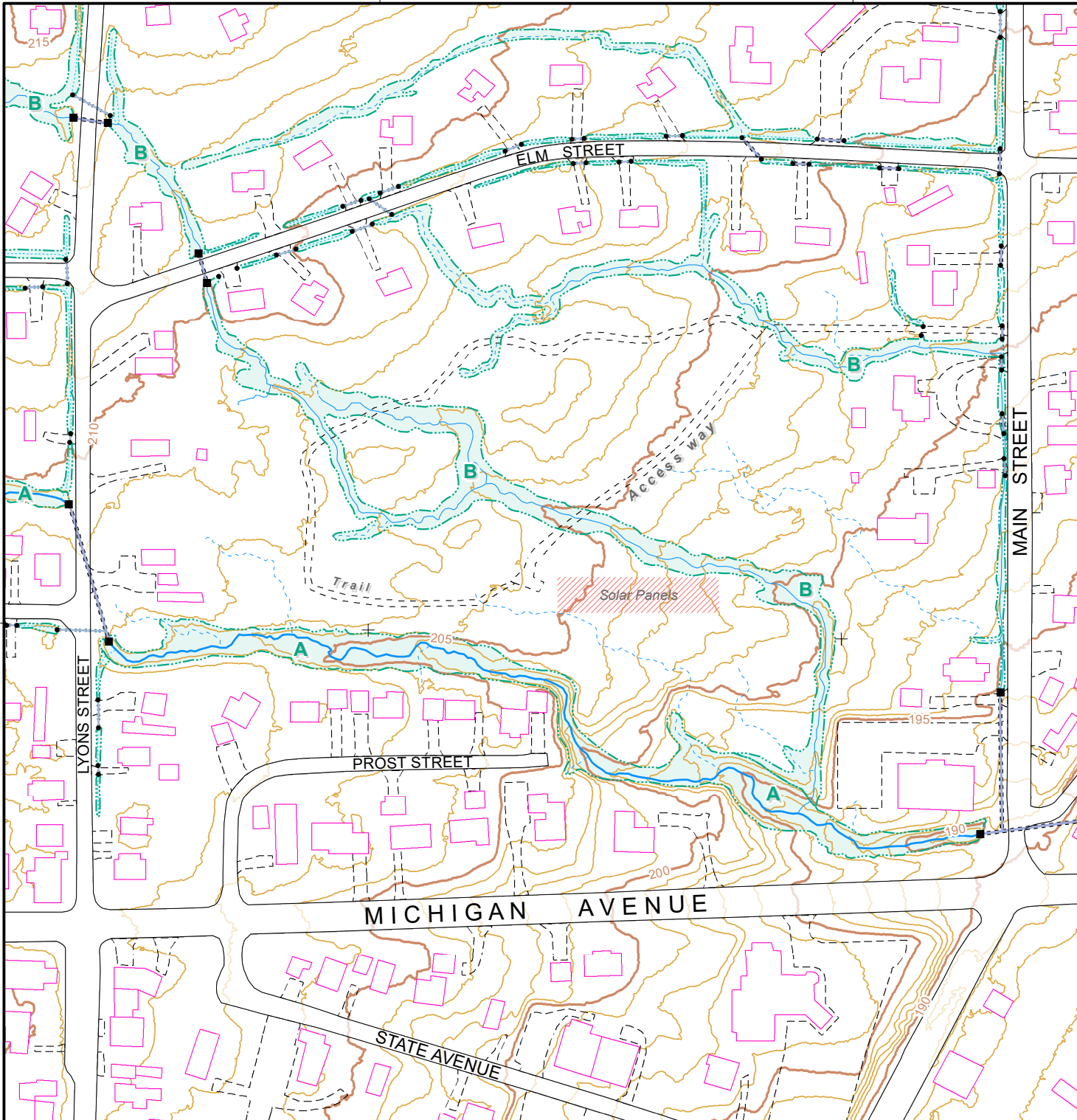
38

400 ft



88°29'30"W

88°29'20"W



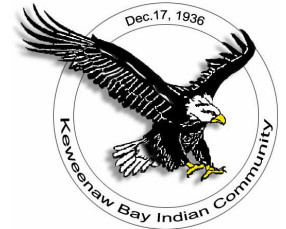
88°29'30"W

88°29'20"W

46°46'50"N

ENVIRONMENTAL FLOOD HAZARD CONDITIONS

KBIC - Supportive Housing Project



KBIC - Natural Resources Department

RESOLUTION: KB-050-2021

VILLAGE OF BARAGA

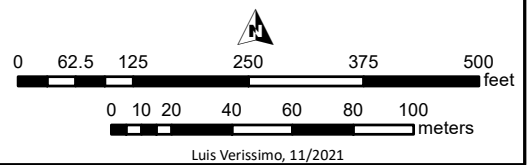
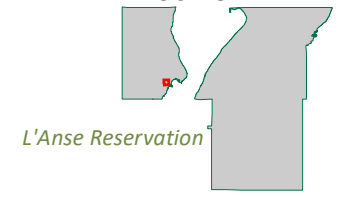
POTENTIAL FLOODWAY CORRIDORS

<p>A</p> <p>Potential floodway, in part within FEMA identified: Special Flood Hazard Area, Zone AE (Preliminary Version 07/30/2021)</p>	<p>B</p> <p>Potential floodway, in part within FEMA identified: Other Areas of Flood Hazard, Zone X (Preliminary Version 07/30/2021)</p>
--	---

- Drainage**
- Semi-permanent
 - Seasonal
 - Ephemeral
 - Urban surface drain
 - Main underground drain
 - Secondary underground drain
- Culverts**
- Main
 - Secondary
- Other**
- Building
 - Street
 - Driveway
 - Contours (m) 1m Intervals

Floodway preliminary delineation, based on the analysis of LIDAR derived DTM & DSM data modeling, 0.25m resolution
 Data depicted for general reference purposes only. Potential floodway corridors not included in this map display, south of Michigan Avenue

LOCATOR MAP





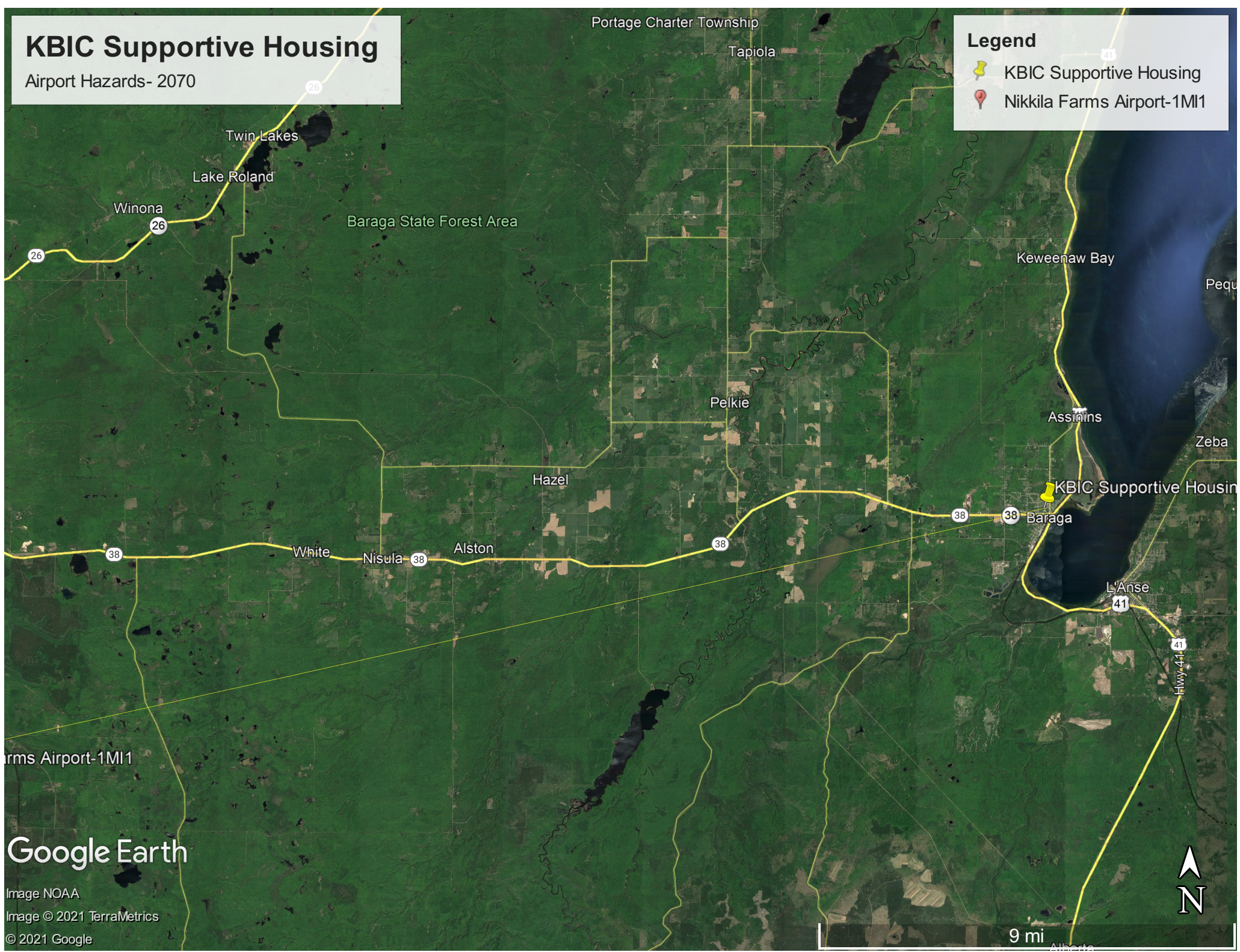
Luis Verissimo, 11/2021

KBIC Supportive Housing

Airport Hazards- 2070

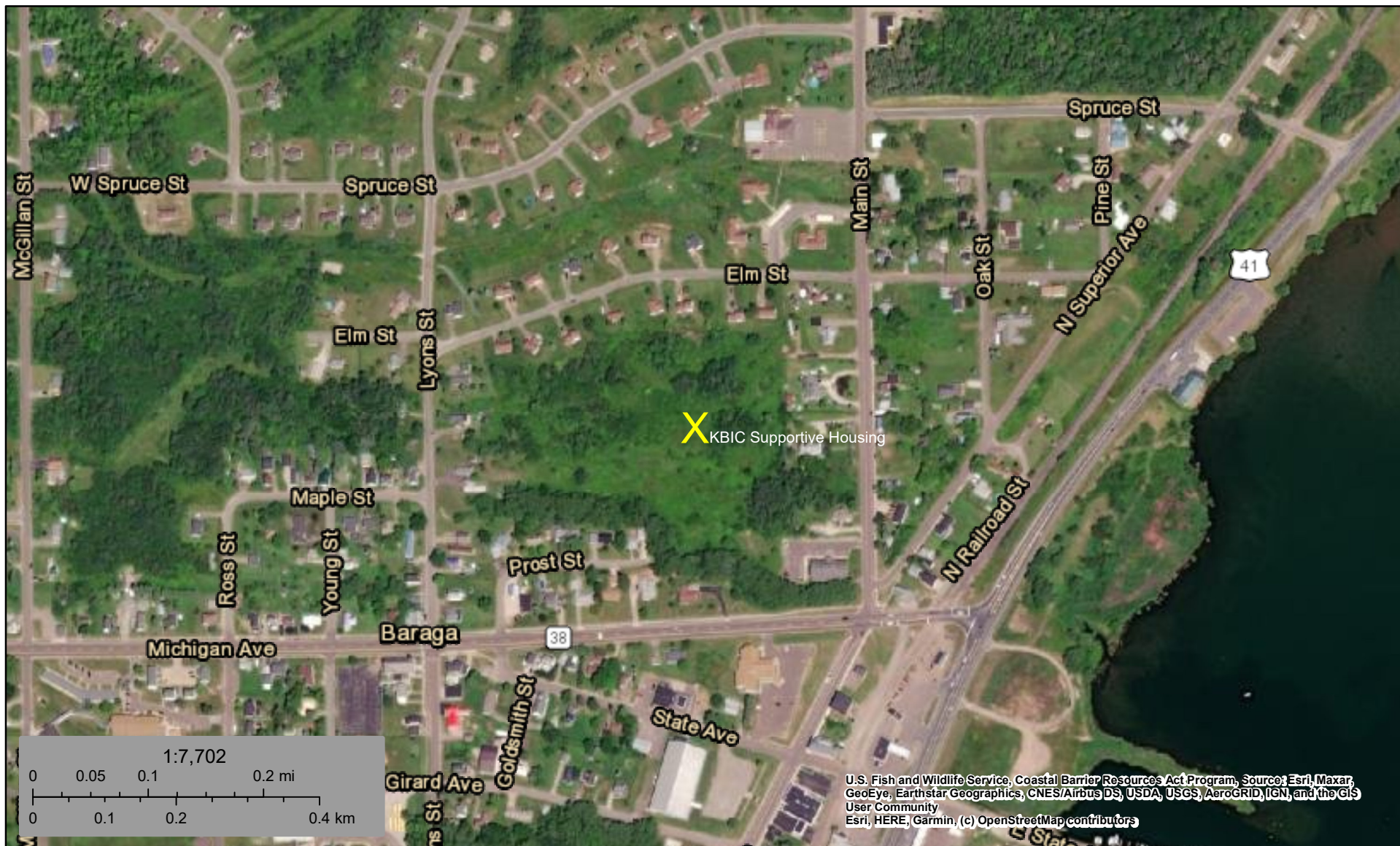
Legend

-  KBIC Supportive Housing
-  Nikkila Farms Airport-1M1



Google Earth


Image NOAA
Image © 2021 TerraMetrics
© 2021 Google



October 13, 2021

 CBRS Buffer Zone
  System Unit

CBRS Units

 Otherwise Protected Area

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/cbra/maps/index.html>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<http://www.fws.gov/cbra/Determinations.html>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS mapper.

88°29'30"W

88°29'20"W



46°46'50"N

88°29'30"W

88°29'20"W

ENVIRONMENTAL FLOOD HAZARD CONDITIONS

KBIC - Supportive Housing Project



KBIC - Natural Resources Department

RESOLUTION: KB-050-2021 VILLAGE OF BARAGA

POTENTIAL FLOODWAY CORRIDORS

A Potential floodway, in part within FEMA identified: Special Flood Hazard Area, Zone AE (Preliminary Version 07/30/2021)

B Potential floodway, in part within FEMA identified: Other Areas of Flood Hazard, Zone X (Preliminary Version 07/30/2021)

Artificial drainage collector segment (culvert & underground drain, inferred)

General surface flow direction

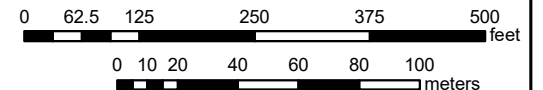
OTHER



Floodway preliminary delineation, based on the analysis of LIDAR derived DTM & DSM data modeling, 0.25m resolution

Data depicted for general reference purposes only. Potential floodway corridors not included in this map display, south of Michigan Avenue

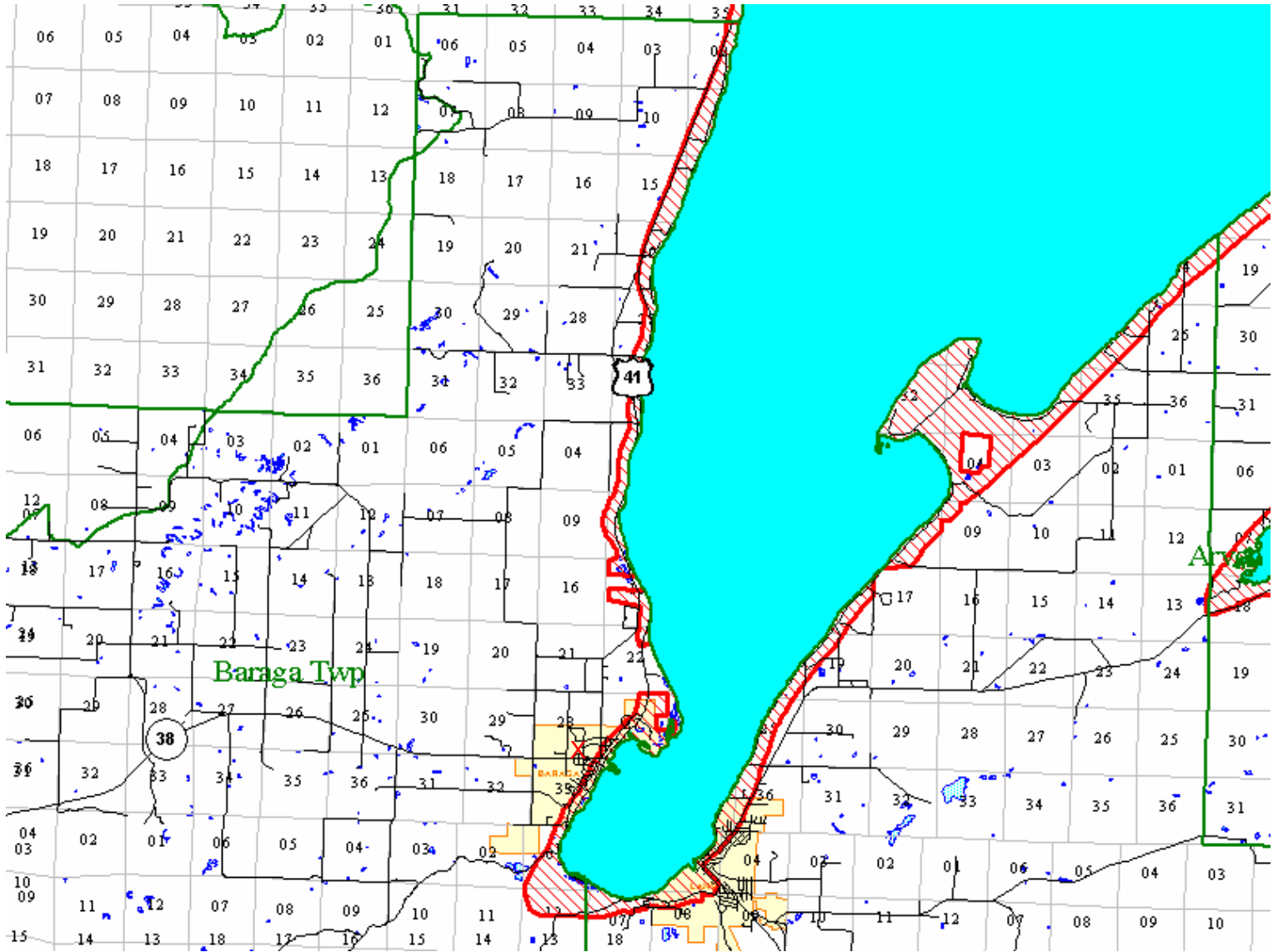
LOCATOR MAP



Luis Verissimo, 11/2021

Baraga County
Baraga Township, T52N R33W, T51N R33W and T50 R34W
L'Anse Township, T50N R33W, T51N R33W, T51N R32W and T52N R32W

The heavy red line is the **Coastal Zone Management Boundary**
The red hatched area is the **Coastal Zone Management Area**





**Keweenaw Bay Indian Community
Natural Resources Department**



TO: Brigitte LaPointe-Dunham, CEO, Keweenaw Bay Indian Community
FROM: Erin Johnston, Wildlife Biologist, Keweenaw Bay Indian Community
DATE: November 15, 2021
RE: Endangered Species Act Section 7 Consultation for Proposed Construction of a Supportive Housing Project in Baraga, MI

As per request, an activity review was performed for the proposed Supportive Housing project in Baraga, MI as it may pertain to the Endangered Species Act Section 7 consultation process. The area of interest is the part of the southeast ¼ of the southeast ¼ or Section 28, T. 51 N, R. 33 W, Michigan Meridian, Village of Baraga, Baraga County, Michigan.

The proposed project is to construct, operate, and maintain Supportive Housing to address the issue of homelessness within the Tribal community. The project will consist of excavation for foundation construction, erection of a housing complex, utility connections, and painting.

The U.S. Fish and Wildlife Service lists four species falling under the protective provisions of the Endangered Species Program that may be present in Baraga County. There are no listed Endangered Species present in the project area. Threatened species include: Canada lynx (*Lynx canadensis*), Northern long-eared bat (*Myotis septentrionalis*), and Rufa red knot (*Calidris canutus rufa*).

Based on review of U.S. Fish and Wildlife Service resources and information pertaining to the above mentioned species:

It is felt that the proposed scope of activities associated with this project will not impact any of the aforementioned species. Ground disturbing activities in areas of existing housing units/solar development will have no negative effects on listed species or habitats where they may be present.

This project will not jeopardize the continued existence of listed “*protected resources*” (endangered or threatened species or designated or proposed critical habitat) in Baraga County.

Please let me know if you have questions or if more information is needed.

Sincerely,

Erin Johnston
Wildlife Biologist

CC: Evelyn Ravindran, KBNRD Director
Dione Price, KBNRD Environmental Specialist
Gene Mensch, KBNRD Fisheries & Wildlife Biologist
Alden Connor, KBIC THPO



Hatchery

14359 Pequaming Road
L'Anse, Michigan 49946
Phone: (906) 524-5757
Fax: (906) 524-5748

Tribal Center

16429 Beartown Road
Baraga, Michigan 49908
Phone: (906) 353-6623
Fax: (906) 353-7540



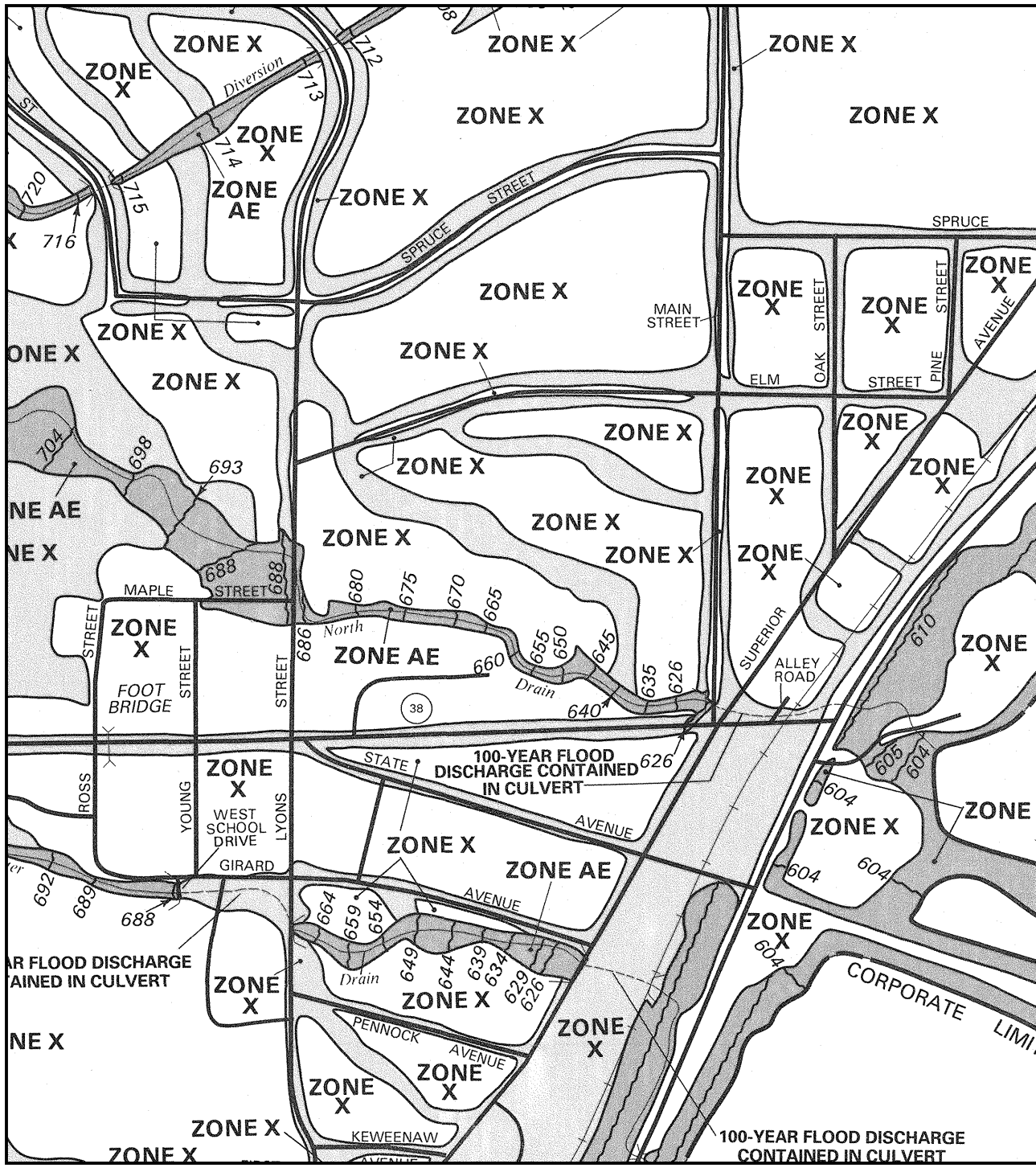
Dwellings and Small Commercial Buildings

Soil properties influence the development of building sites, including the selection of the site, the design of the structure, construction, performance after construction, and maintenance. This table shows the degree and kind of soil limitations that affect dwellings and small commercial buildings.

The ratings in the table are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect building site development. *Not limited* indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. *Somewhat limited* indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. *Very limited* indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings in the table indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

Dwellings are single-family houses of three stories or less. For dwellings without basements, the foundation is assumed to consist of spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or at the depth of maximum frost penetration, whichever is deeper. For dwellings with basements, the foundation is assumed to consist of spread footings of reinforced concrete built on undisturbed soil at a depth of about 7 feet. The ratings for dwellings are based on the soil properties that affect the capacity of the soil to support a load without movement and on the properties that affect excavation and construction costs. The properties that affect the load-supporting capacity include depth to a water table, ponding, flooding, subsidence, linear extensibility (shrink-swell potential), and compressibility. Compressibility is inferred from the Unified classification. The properties that affect the ease and amount of excavation include depth to a water table, ponding, flooding, slope, depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, and the amount and size of rock fragments.



To determine if flood insurance is available in your area, contact your insurance agent or call the National Flood Insurance Administration at 1-800-358-7777.



APPROXIMATE SCALE
500 0

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

VILLAGE OF
BARAGA,
MICHIGAN
BARAGA COUNTY

ONLY PANEL PRINTED

COMMUNITY-PANEL NUMBER
260551 0001 B

MAP REVISED:
JANUARY 3, 1997



Federal Emergency Management Agency

This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

From: Alden Connor
To: Alden Connor
Date: Tuesday, November 30, 2021 11:51:04 AM

***Keweenaw Bay Indian Community
Tribal Historic Preservation Office
and Language Program***

16429 Beartown Road
Baraga, Michigan 49908-9210
aconnor@kbic-nsn.gov, gloomsfoot@kbic-nsn.gov
Phone: 906.353.4278 or 4108 Fax: 906.353.7540

11/30/2021 Resolution KB-050-2021 KBIC Housing Department-Supportive Housing Project. Part of the southeast Quarter of the southeast Quarter (SE1/4 of the SE1/4) of Section 28, T.51 N., R. 33W., Michigan Meridian, Village of Baraga, Baraga County, Michigan.

Ahnnii Boozhoo (Hello! Greetings!);

The KBIC Tribal Historic Preservation Office has identified no properties of interest regarding religious or cultural sites documented at this time in your proposed location. If the scope of work changes in any way, or if artifacts or human remains are discovered, please notify the KBIC THPO immediately.

Please forward any future consultation requests for review of project proposals pursuant to Section 106 of the National Historic Preservation Act to KBIC THPO, Keweenaw Bay Indian Community Tribal Historic Preservation Office or through email AConnor@kbic-nsn.gov, and keep us informed of future projects as we continue our efforts to identify and document historic, archaeological and traditional cultural sites in the area so we can assist in making an appropriate determination.

Chi-Miigwech (Big Thank You),
Alden Connor Jr., Cultural Resources Director

Miigwech!

Alden Connor, Jr.

"If you take care of the language, the spirit keeper of the language will take care of you."

Small commercial buildings are structures that are less than three stories high and do not have basements. The foundation is assumed to consist of spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or at the depth of maximum frost penetration, whichever is deeper. The ratings are based on the soil properties that affect the capacity of the soil to support a load without movement and on the properties that affect excavation and construction costs. The properties that affect the load-supporting capacity include depth to a water table, ponding, flooding, subsidence, linear extensibility (shrink-swell potential), and compressibility (which is inferred from the Unified classification). The properties that affect the ease and amount of excavation include flooding, depth to a water table, ponding, slope, depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, and the amount and size of rock fragments.

Information in this table is intended for land use planning, for evaluating land use alternatives, and for planning site investigations prior to design and construction. The information, however, has limitations. For example, estimates and other data generally apply only to that part of the soil between the surface and a depth of 5 to 7 feet. Because of the map scale, small areas of different soils may be included within the mapped areas of a specific soil.

The information is not site specific and does not eliminate the need for onsite investigation of the soils or for testing and analysis by personnel experienced in the design and construction of engineering works.

Government ordinances and regulations that restrict certain land uses or impose specific design criteria were not considered in preparing the information in this table. Local ordinances and regulations should be considered in planning, in site selection, and in design.

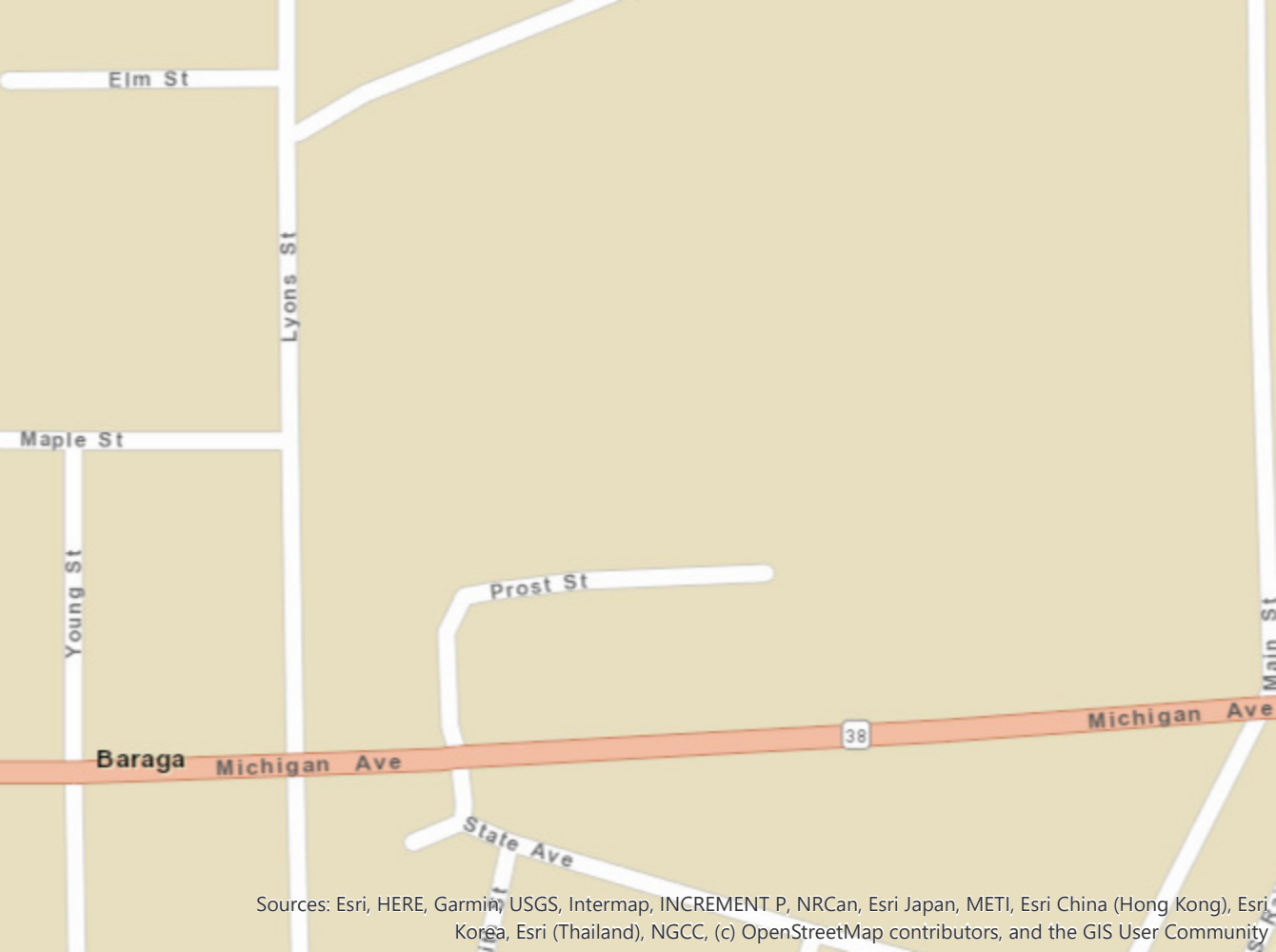
Report—Dwellings and Small Commercial Buildings

[Onsite investigation may be needed to validate the interpretations in this table and to confirm the identity of the soil on a given site. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

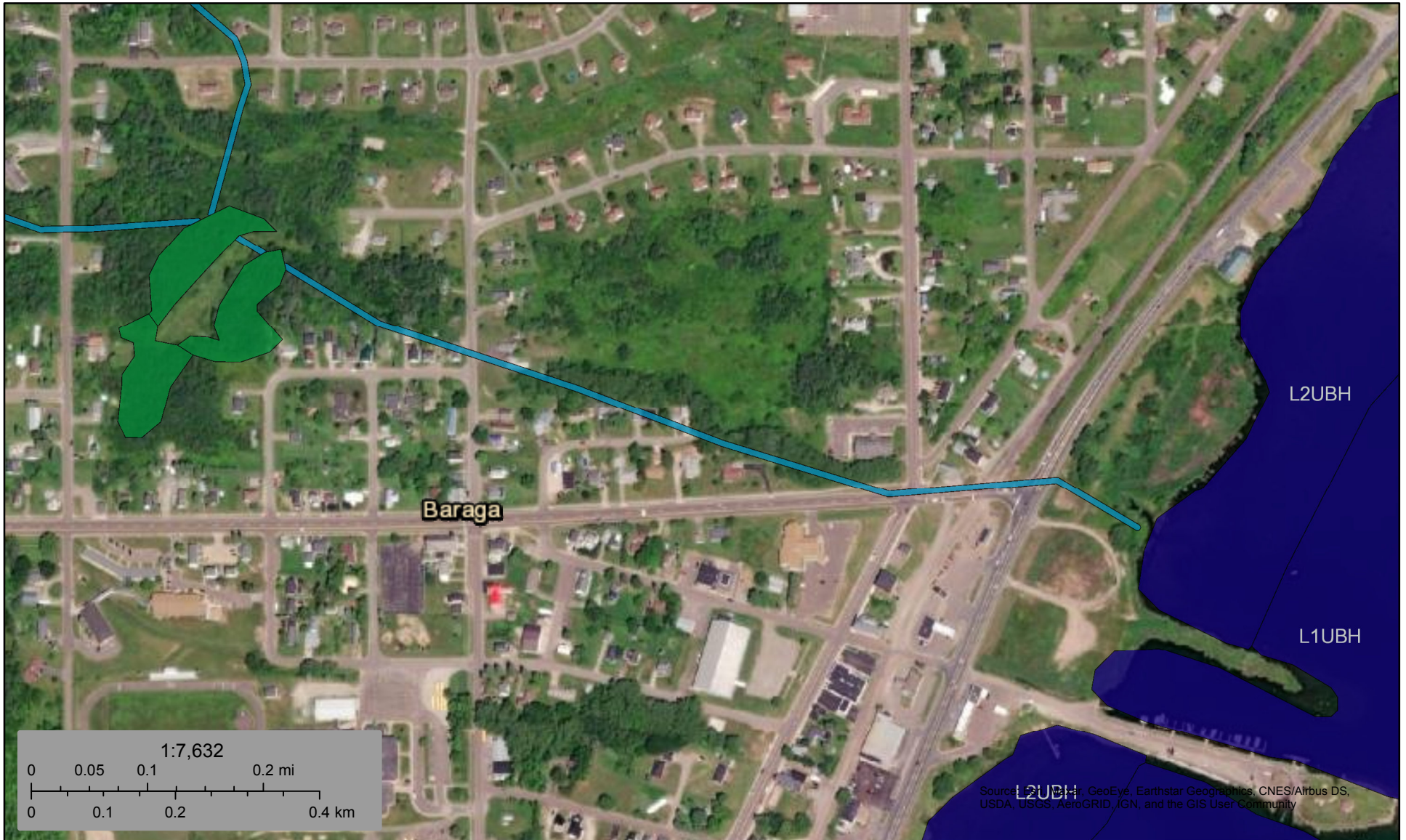
Dwellings and Small Commercial Buildings--Baraga County, Michigan							
Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
23B--Munising-Yalmer loamy sands, 1 to 8 percent slopes							
Munising	50	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Depth to thick cemented pan	1.00	Slope	0.14
Yalmer	42	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Depth to thin cemented pan	0.94	Slope	0.14
27B--Munising loamy sand, 1 to 8 percent slopes							
Munising	95	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Depth to thick cemented pan	1.00	Slope	0.14

Data Source Information

Soil Survey Area: Baraga County, Michigan
 Survey Area Data: Version 14, Jun 2, 2020




Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



November 8, 2021

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.