

# Appendix A: Profile Worksheets

## Worksheet 1: Geographic Profile

List the physical features of the community that impact the risk of and response to fire and other emergencies, including large bodies of water, highways/road networks, waterways, railways, canyons, bridges, landforms, and wildland-urban interfaces.

<b>Geographic Profile Risks</b>	
List the geographic features in your community and how they may influence the delivery of fire protection services.	
<b>Geographic Feature</b>	<b>Potential Impact on the Delivery of Fire Protection Services</b>
Situated along Western shore of Lake Huron Large body of water	<ul style="list-style-type: none"> <li>• Impacts training, equipment for response activities</li> <li>• Impacts response times/travel time to calls</li> <li>• Recreational/tourist activities impact public fire safety education and Fire Code inspections and enforcement activities</li> <li>• Shoreline cottages on narrow lanes can restrict response vehicles</li> </ul>
Penatangore bisects the town North/South	<ul style="list-style-type: none"> <li>• Impacts station location</li> <li>• Impacts response protocols</li> <li>• Limited through-streets impact traffic</li> </ul>
Large Rural Area	<ul style="list-style-type: none"> <li>• Limited water supplies/no hydrants outside of town</li> <li>• Large fields susceptible to dry weather conditions</li> <li>• Large brush and forested areas</li> </ul>
Cottage areas along the lake	<ul style="list-style-type: none"> <li>• Some wildland/urban interfaces that could complicate exposure control</li> <li>• Limited access to properties could impact response times</li> </ul>
Large Nuclear Power facility within the Municipality	<ul style="list-style-type: none"> <li>• Wildland/industrial exposure concern that could impact response</li> <li>• Radiological considerations in the event of a Site emergency</li> </ul>
Energy Park situated within the Municipality	<ul style="list-style-type: none"> <li>• Plant configurations could impact response activities</li> <li>• Additional chemical storage could impact response strategies</li> <li>• Process hazards could impact responder safety/strategy</li> </ul>

<b>Geographic Feature</b>	<b>Potential Impact on the Delivery of Fire Protection Services</b>
Landfill situated within rural environment	<ul style="list-style-type: none"><li>• Disposal activities can impact effectiveness of fire extinguishment</li><li>• Limited water supply may challenge effectiveness of response</li></ul>
Lakeside weather and wind conditions	<ul style="list-style-type: none"><li>• Seasonal conditions may affect travel/response times</li><li>• Road closures can increase travel/response times</li></ul>

*Note: The information on this worksheet should be considered in conjunction with the information on all other worksheets, and not in isolation. Worksheet 10 allows fire departments to consider all of the information on all worksheets together in order to make decisions about the provision of fire protection services in their municipality/ community.*