The northern end of the high risk erosion area lies at the intersection of the Section 3-10 line, T23N, R9E, and the shoreline.

The southern end of the high risk erosion area in Section 10, T23N, R9E, lies 2,020 feet north of the intersection of the Section 10-15 line, T23N, R9E, and the shoreline.

The breakpoint between the 100 foot and the 290 foot minimum required setbacks in Section 10 lies 775 feet south of the intersection of the Section 3-10 line and the shoreline.

The breakpoint between the 290 foot and the 140 foot minimum required setbacks in Section 10 lies 2,855 feet north of the intersection of the Section 10-15 line and the shoreline.

The northern end of the high risk erosion area in Section 15, T23N, R9E, lies 1,485 feet south of the intersection of the Section 10-15 line and the shoreline.

The southern end of the high risk erosion area in Section 15, T23N, R9E, lies 4,005 feet south of the intersection of the Section 10-15 line and the shoreline.

The breakpoint between the 80 foot and the 40 foot minimum required setbacks in Section 15, T23N, R9E, lies 3,625 feet south of the intersection of the Section 10-15 line and the shoreline.

The northern end of the high risk erosion area in Section 27, T23N, R9E, lies 1,335 feet south of the intersection of the Section 22-27 line, T23N, R9E, and the shoreline.

The southern end of the high risk erosion area in Section 27, T23N, R9E, lies 1,770 feet south of the intersection of the Section 22-27 line and the shoreline.
The northern limit of the high risk erosion area in Section 27, T23N, R9E, lies 2,780 feet south of the intersection of the Section 22-27 line and the shoreline.

The southern limit of the high risk erosion area in Section 34, T23N, R9E, lies 825 feet south of the intersection of the Section 27-34 line, T23N, R9E, and the shoreline.

*Note: These boundary descriptions are considered approximate. The exact locations of these boundaries are indicated on aerial photographs on file with the DNR.*
Parcels in High Risk Erosion Areas of AuSable Township, Iosco County

HREAs identified South to North

<table>
<thead>
<tr>
<th>Parcel Identification No.</th>
<th>Address</th>
<th>HREA*</th>
<th>Rate (feet/year)</th>
<th>30 yr PRD*</th>
<th>60 yr PRD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-020-003-400-003-00</td>
<td>899 S State St</td>
<td>A1</td>
<td>2.9</td>
<td>100</td>
<td>190</td>
</tr>
<tr>
<td>35-020-010-100-001-00</td>
<td></td>
<td>A1</td>
<td>2.9</td>
<td>100</td>
<td>190</td>
</tr>
<tr>
<td>35-020-010-100-005-00</td>
<td></td>
<td>A2</td>
<td>9.2</td>
<td>290</td>
<td>565</td>
</tr>
<tr>
<td>35-020-010-100-006-00</td>
<td>Section Ten</td>
<td>A2</td>
<td>9.2</td>
<td>290</td>
<td>565</td>
</tr>
<tr>
<td>35-020-010-100-007-00</td>
<td>4440 N US 23</td>
<td>A2</td>
<td>9.2</td>
<td>290</td>
<td>565</td>
</tr>
<tr>
<td>35-020-010-100-008-00</td>
<td>4400 N US 23</td>
<td>A2</td>
<td>9.2</td>
<td>290</td>
<td>565</td>
</tr>
<tr>
<td>35-021-H50-000-000-00</td>
<td>4350 N US 23</td>
<td>A3</td>
<td>4.1</td>
<td>140</td>
<td>260</td>
</tr>
<tr>
<td>35-021-H50-000-001-00</td>
<td>4390 N US 23</td>
<td>A3</td>
<td>4.1</td>
<td>140</td>
<td>260</td>
</tr>
<tr>
<td>35-021-G20-000-001-00</td>
<td>3696 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G20-000-001-50</td>
<td>3694 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G20-000-002-00</td>
<td>3692 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G20-000-003-00</td>
<td>3690 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-005-00</td>
<td>3812 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-006-00</td>
<td>3802 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-007-00</td>
<td>3790 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-008-00</td>
<td>3782 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-009-00</td>
<td>3778 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-011-00</td>
<td>3768 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-00</td>
<td>3734 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
</tbody>
</table>

HREA* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.
## Parcels in High Risk Erosion Areas of AuSable Township, Iosco County

HREAs identified South to North

<table>
<thead>
<tr>
<th>Parcel Identification No.</th>
<th>Address</th>
<th>HREA*</th>
<th>Rate (feet/year)</th>
<th>30 yr PRD*</th>
<th>60 yr PRD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-021-G30-000-012-06</td>
<td>3738 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-11</td>
<td>3742 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-16</td>
<td>3746 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-21</td>
<td>3750 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-26</td>
<td>3752 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-30</td>
<td>3754 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-012-50</td>
<td>3758 N US 23 Surf-N-Sands II Condos</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-015-00</td>
<td>3700 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G30-000-016-00</td>
<td>3698 N US 23</td>
<td>B1</td>
<td>2.2</td>
<td>80</td>
<td>145</td>
</tr>
<tr>
<td>35-021-G20-000-004-00</td>
<td>3688 N US 23</td>
<td>B2</td>
<td>1.3</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>35-021-G20-000-005-00</td>
<td>N US 23</td>
<td>B2</td>
<td>1.3</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>35-021-G20-000-006-00</td>
<td>3650 N US 23</td>
<td>B2</td>
<td>1.3</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>35-021-G20-000-007-00</td>
<td>3640 N US 23</td>
<td>B2</td>
<td>1.3</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>35-021-G20-000-008-00</td>
<td>N US 23</td>
<td>B2</td>
<td>1.3</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>35-021-H30-001-028-00</td>
<td>2874 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
<tr>
<td>35-021-H30-001-029-00</td>
<td>2872 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
<tr>
<td>35-021-H30-001-031-00</td>
<td>2868 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
</tbody>
</table>

**HREA* - Some parcels may be in multiple HREAs due to their large size.**

**30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.**

**60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.**

**Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.**

1/2/2019  www.mi.gov/shorelands  Page 2 of 5
Parcels in High Risk Erosion Areas of AuSable Township, Iosco County

<table>
<thead>
<tr>
<th>Parcel Identification No.</th>
<th>Address</th>
<th>HREA*</th>
<th>Rate (feet/year)</th>
<th>30 yr PRD*</th>
<th>60 yr PRD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-021-H30-001-032-00</td>
<td>2850 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
<tr>
<td>35-021-H30-002-001-00</td>
<td>2844 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
<tr>
<td>35-021-H30-002-002-00</td>
<td>2842 N US 23</td>
<td>C1</td>
<td>1.5</td>
<td>45</td>
<td>90</td>
</tr>
<tr>
<td>35-020-027-300-002-00</td>
<td>2514 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-020-027-300-003-00</td>
<td>2516 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-020-027-300-005-00</td>
<td>2500 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-001-00</td>
<td>2490 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-003-00</td>
<td>2488 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-005-00</td>
<td>2474 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-007-00</td>
<td>2430 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-009-00</td>
<td>2420 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-011-00</td>
<td>2418 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-013-00</td>
<td>2416 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-015-00</td>
<td>2414 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-017-00</td>
<td>2412 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-A20-000-019-00</td>
<td>2410 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-023-00</td>
<td>2740 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-024-00</td>
<td>2738 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-025-00</td>
<td>2732 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-027-00</td>
<td>2730 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
</tbody>
</table>

HREA* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.
Parcels in High Risk Erosion Areas of AuSable Township, Iosco County

<table>
<thead>
<tr>
<th>Parcel Identification No.</th>
<th>Address</th>
<th>HREA*</th>
<th>Rate (feet/year)</th>
<th>30 yr PRD*</th>
<th>60 yr PRD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-021-H30-002-028-00</td>
<td>2728 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-029-00</td>
<td>2726 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-030-00</td>
<td>2706 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-031-00</td>
<td>2702 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-032-00</td>
<td>2698 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-033-00</td>
<td>2696 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-034-00</td>
<td>2692 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-035-00</td>
<td>2688 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-036-00</td>
<td>2684 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-037-00</td>
<td>2676 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-039-00</td>
<td>2656 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-040-00</td>
<td>2650 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-041-00</td>
<td>2648 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-042-00</td>
<td>2646 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-002-043-00</td>
<td>2644 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-001-00</td>
<td>2642 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-002-00</td>
<td>2640 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-003-00</td>
<td>2630 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-004-00</td>
<td>2620 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-005-00</td>
<td>2610 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
</tbody>
</table>

HREA* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.

1/2/2019
Parcels in High Risk Erosion Areas of AuSable Township, Iosco County

Date of Designation: February 10, 1986

<table>
<thead>
<tr>
<th>Parcel Identification No.</th>
<th>Address</th>
<th>HREA*</th>
<th>Rate (feet/year)</th>
<th>30 yr PRD*</th>
<th>60 yr PRD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-021-H30-003-006-00</td>
<td>2608 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-007-00</td>
<td>2606 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-008-00</td>
<td>2604 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-009-00</td>
<td>2602 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-010-00</td>
<td>2574 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-011-00</td>
<td>2546 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-012-00</td>
<td>2544 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-013-00</td>
<td>2542 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-014-00</td>
<td>2536 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-015-00</td>
<td>2534 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H30-003-016-00</td>
<td>N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H40-001-001-00</td>
<td>2530 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H40-001-004-00</td>
<td>2524 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
<tr>
<td>35-021-H40-001-007-00</td>
<td>2520 N US 23</td>
<td>D1</td>
<td>1.4</td>
<td>55</td>
<td>100</td>
</tr>
</tbody>
</table>

HREA* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.

1/2/2019 www.mi.gov/shorelands