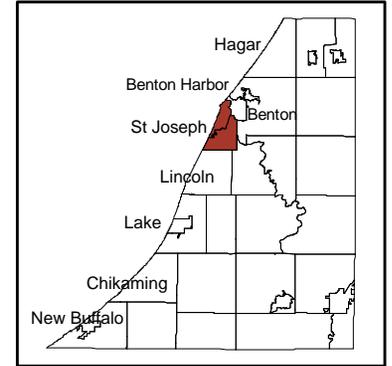


ST. JOSEPH TOWNSHIP  
 CITY OF ST. JOSEPH  
 VILLAGE OF SHOREHAM  
 T04S, R19W  
 T05S, R19W  
 HIGH RISK EROSION AREAS &  
 CRITICAL DUNE AREAS

BERRIEN COUNTY



Legend



CRITICAL DUNE AREAS

THESE AREAS ARE DESIGNATED AS CRITICAL DUNE AREAS PURSUANT TO PART 353, SAND DUNE PROTECTION AND MANAGEMENT OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED.



HIGH RISK EROSION AREAS  
 (SHADED ALONGSHORE)

THESE AREAS ARE LEGALLY DEFINED BY PART 323, SHORELANDS PROTECTION AND MANAGEMENT, OF THE NATURAL RESOURCE AND ENVIRONMENTAL PROTECTION ACT, 1994 PA 451, AS AMENDED, BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO REcede AN AVERAGE OF ONE FOOT OR MORE PER YEAR.



- THE AREA ID PROVIDES A SPATIAL REFERENCE FOR EACH SPECIFIC HREA WITHIN A TOWNSHIP.
- THE NUMBERS BELOW REPRESENT, IN FEET, THE 30-YEAR AND 60-YEAR PROJECTED RECESSION DISTANCES, RESPECTIVELY FOR THAT SPECIFIC HREA.

FOR FURTHER INFORMATION:

GREAT LAKES SHORELANDS UNIT  
 LAND AND WATER MANAGEMENT DIVISION  
 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
 PO BOX 30458  
 LANSING, MI 48909-7958  
 517-373-1170

MAP DATE: 10/3/2007

HREA SETBACK UPDATES  
 IMPLEMENTED: 10/12/2007



# Parcels in High Risk Erosion Areas of City of St. Joseph, Berrien County

HREAs identified North to South      Date of Designation: October 12, 2007

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	11-76-0034-0103-02-3	1.7	65	115
A1	2	11-76-0103-0047-01-4	1.7	65	115
A1	3	11-76-0103-0046-00-0	1.7	65	115
A1	4	11-76-0103-0044-03-1	1.7	65	115
A1	4.2	11-76-0103-0044-01-5	1.7	65	115
A1	5	11-76-4400-0001-00-2	1.7	65	115
A1	6	11-76-0103-0043-01-9	1.7	65	115

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.**