

Table III-3

BLUFF STABILITY AND SHORELINE RECESSION ALONG LAKE MICHIGAN THE OZAUKEE COUNTY: 1995

Shoreline Analysis Reach (see Map III-12)	Bluff Heights (feet)	Deterministic Bluff Stability Safety Factor		Shoreline Recession Data 1963-1995		Estimated Beach Width (feet)	
		1995 Conditions	1977 Conditions	Total (feet)	Annual Average (feet per year)	1995 Conditions	1977 Conditions
Reach 11 ^a	80 - 140	0.69 – 1.12	0.69 – 1.13	20 - 100	0.3 – 2.5	0 - 100	10 - 25
Reach 12	80 - 140	0.57 – 1.88	0.66 – 1.05	0 - 70	0.0 – 2.2	0 - 100	0 - 25
Reach 13	100 - 130	0.59 – 1.81	0.49 – 0.82	0 - 60	0.0 – 1.9	0 - 50	10 - 30
Reach 14	No significant bluff	N/A	N/A	50	1.6	No significant beach	No significant beach
Reach 15	85 - 100	0.72 – 1.47	0.61 – 1.21	0 - 50	0 -1.6	10 - 100	5 - 70
Reach 16	No significant bluff	N/A	N/A	0 - 80	0.0 -2.5	0 - 150	5 - 20
Reach 17	No significant bluff	N/A	N/A	0 - 130	0.0 – 4.1	30 - 100	Less than 20

^aIncludes a portion of Milwaukee County.

Source: SEWRPC.