

**Appendix H**  
**Benefit Calculation Assumptions**

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APPENDIX H

# Benefit Calculation Assumptions

**TABLE H-1**  
Recreational Damage Calculations

Type of Recreation Facility	Unit Day Value (F <sub>x</sub> ) \$/person-day	Average Daily Visitors (V <sub>x</sub> )	Length of Impact (L <sub>x</sub> )
Forest Preserve/ Park	\$5.28	589	Calculated based on H&H model results. Assume impact occurs when water elevation is 0.1 foot above ground surface elevation.

*Note:* Assumptions used to calculate estimates for F<sub>x</sub> and V<sub>x</sub> are provided in Appendix G. Easily obtainable site-specific information may be substituted.

**TABLE H-2**  
Wetland and Riparian Area Benefit Calculation

Watershed	Benefit/Acre <sup>a</sup>
Des Plaines (Cook County)	\$70,000
Lake Michigan, Chicago River, Calumet River	\$60,000
Cal Sag Channel	\$60,000

<sup>a</sup> Dollar values obtained from phone survey of wetland bankers.

