

## McKinley Marina BMPs and Lake Michigan Water Quality Improvements Phase I



Boat Launch – Looking South  
Surface runoff flows directly into Lake Michigan



Boat Launches – Looking North  
Surface runoff flows directly into Lake Michigan



Large Expanses of Asphalt – Looking from the Boat Launch Area  
Typical poor condition



Surface Drainage from Circular Drive  
Surface runoff flows directly into Lake Michigan



Drainage from Boat Storage Area & Parking Lot  
Surface runoff flows into unprotected storm sewers that convey the untreated runoff to Lake Michigan



Large Areas of Asphalt in Parking Lot  
Typical poor condition



Example of Stormwater Capture, Treat, & Infiltration Structure  
Structure previously installed to improve quality of water draining from Lincoln Memorial Drive



Stormwater Filtration  
Efforts to provide filtration of parking lot runoff



Large Expanses of Impervious Surfaces – View from Northwest  
Untreated runoff flows directly into Lake Michigan