SITE HISTORY / EXISTING CONDITIONS

PROJECT OBJECTIVES
- Preserve open-space
- Provide public access to coastal open space and shoreline
- Increase opportunities for public interaction with Lake Michigan
- Enhance and maintain park and recreational areas for residents
- Protect and preserve the city’s natural heritage and environmental corridors
- Reduce impacts of non-point pollution

1940: Northwest Barrel Co. begins operation
1960: Northwest Barrel Co. ends operation
1980s: Site investigated by WDNR and assessed by EPA
1990s: EPA clean-up actions
2000s: EPA investigation, monitoring, and wetland restoration
2010: EPA final clean-up completed and reported
2011: Property is conveyed to City of South Milwaukee
2013: City receives Coastal Management Grant

stormwater convergence of 500-acre urban watershed outfalls into ravine
upland opening
view of bluff embankment
release of stormwater
lake level fluctuation results in 50’ -100’ beach width at low levels and 15’-30’ during high levels

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STABILIZE RAVINE

OPPORTUNITIES / DESIGN PRINCIPLES
- Provide ravine stabilization strategies that integrate with park design
- Treat urban stormwater runoff
- Improve coastal wetland habitat through erosion control
- Create an interpretive path through diverse project ecologies such as the tributary ravine, coastal wetlands and uplands
- Provide universal access to the beach
- Consider safety and maintenance in overall development
- Provide phasing of potential pavilion and satellite parking

VEGETATION AND ECOLOGY ENHANCEMENT

CREATE ACCESS TO THE BEACH AND SHORELINE

INTEGRATE RAVINE OVERLOOKS/OPEN SPACE/SHORELINE

PHASE II PAVILIONS AND PARKING OPTIONS

STORMWATER TREATMENT OPPORTUNITIES

OPEN SPACE CONNECTIONS

OPPORTUNITIES / DESIGN PRINCIPLES
- Provide ravine stabilization strategies that integrate with park design
- Treat urban stormwater runoff
- Improve coastal wetland habitat through erosion control
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CONCEPT DEVELOPMENT

CONCEPT DEVELOPMENT - SCHEME A

CONCEPT DEVELOPMENT - SCHEME B

PRECEDENTS

miscellaneous features

plant ecologies

paths and edges

seating systems

pavilion styles

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