

# **Sandy Island Beach Project**

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- **1999 TNC acquisition of 150 acres**
- **History of intense public use**
- **Last seriously degraded ELO dune site**
- **Opportunity to protect sensitive natural resources, restore ecosystem function, and encourage compatible human use.**

# TNC – DEC Management Agreement



- **Primary focus on Dune Restoration and Habitat Protection**
- **Managed by the Division of Lands & Forests**
- **Marsh and underwater lands transferred to DEC**
- **Beach and dune transferred to State Parks**

# Sandy Island Beach Dune Restoration Project

- **Uncontrolled use**
- **Disappearance of Vegetation**
- **Dune Blowout / Wind Erosion**





**Dune Blowout**



# Sad State of Affairs





# Dune Blowout – Beach Side



1998



# Dune Blowout - Pond Side





# Moving the Dune



**44,000 cu. yds. of sand**  
**1 football field 25' deep**

**4 weeks to move**

**Total cost \$40,000.00**  
**(EPA GLNPO funded)**

**2 Front end Loaders**

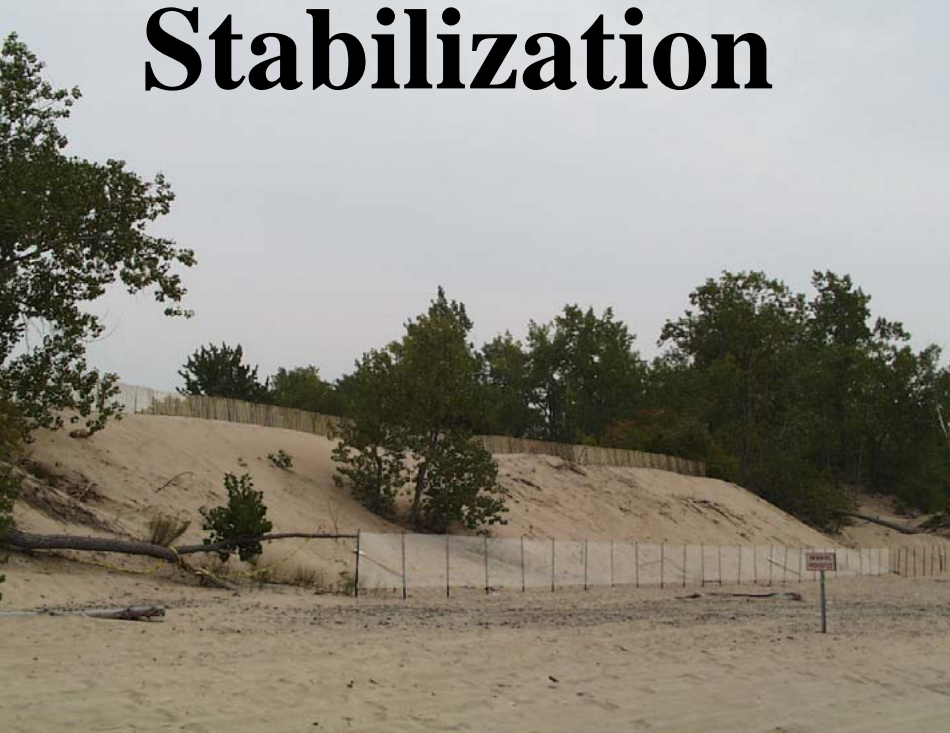
**1 Tracked Excavator**

**1 Bull Dozer**





# Stabilization





**2 Years Later**





# Dune Walkover



# A day at the beach !

