

LAC DU FLAMBEAU TRIBAL NATURAL RESOURCE DEPARTMENT

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Larry Wawronowicz, Natural Resource Director

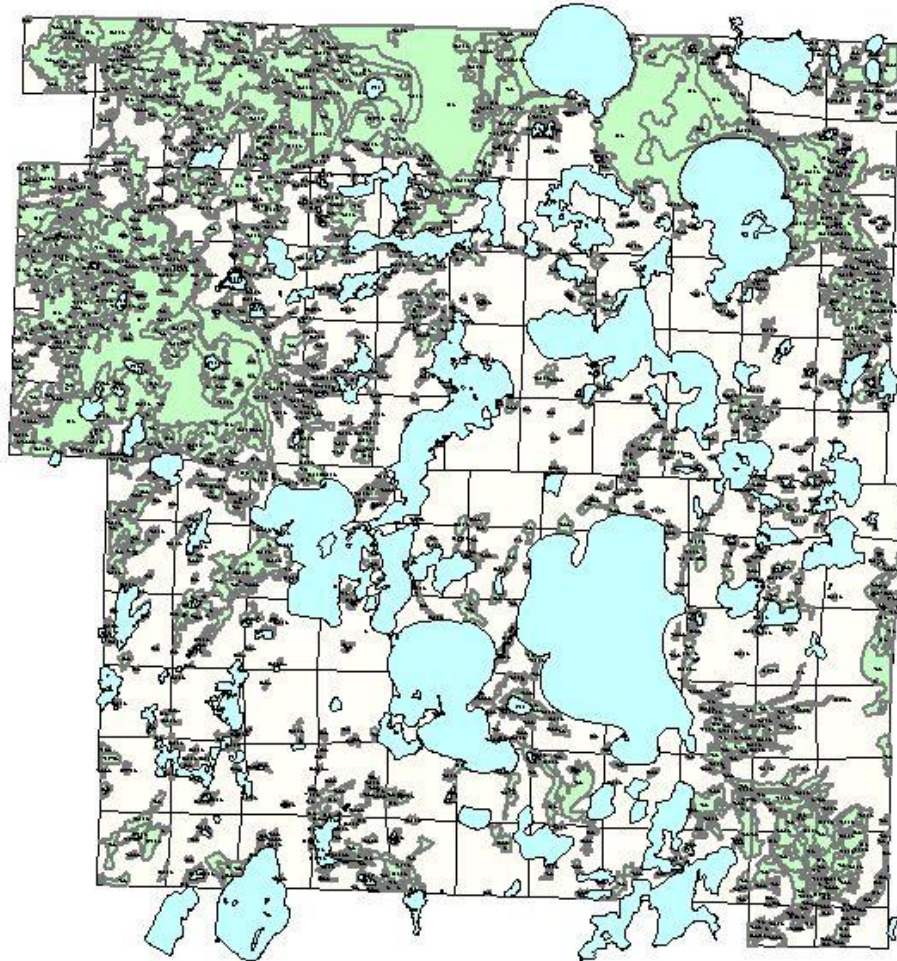
TRIBAL NATURAL RESOURCES

- ◉ AREA- 86,630 acres or 144 square miles
- ◉ LAND OWNERSHIP- 66.8% tribal land and 33.2% fee land.
- ◉ LAKES- 260.
- ◉ CREEKS/RIVERS- 71 miles.
- ◉ WETLANDS- 24,000 acres
- ◉ FORESTED LANDS- 41,733 acres

AERIAL PHOTO OF THE RESERVATION



49% OF THE RESERVATION IS WET LAKES, RIVERS AND WETLANDS



NATURAL RESOURCE UTILIZATION

- The Lac du Flambeau Band utilizes the natural resources to provided cultural, subsistence, economic and social opportunities for tribal members.
- The resources are also available to the non-Indian Community.

CONSTITUTION AND BYLAWS

- Article 6 (1) (a) of the Band's Constitution gives the Tribal Council the authority to protect and conserve tribal natural resources.

GOALS OF THE TRIBAL NATURAL RESOURCE DEPARTMENT

- ◉ Protect
- ◉ Conserve
- ◉ Enhance

Tribal Natural Resources for present and future generations of all people living on the reservation by utilizing the Band's IRMP and Natural Resource Programs.

TRIBAL NATURAL RESOURCE DEPARTMENT PROGRAMS

- ▣ Fish Culture
- ▣ Fisheries Management
- ▣ Wildlife Management
- ▣ Conservation Law
Enforcement/Emergency
Management/Animal Control
- ▣ Forestry
- ▣ Water Resources

TRIBAL NATURAL RESOURCE DEPARTMENT PROGRAMS (CONTINUED)

- ◉ Parks and Recreation
- ◉ Environmental Protection
- ◉ Environmental Response
- ◉ Land Management
- ◉ Tribal Historic Preservation
- ◉ Energy (Alternative and Conservation)
- ◉ Air Program
- ◉ Great Lakes Restoration Initiative

FISH CULTURE PROGRAM

- ◉ Goal : To raise the fish necessary to support a subsistence and sport fisheries.
- ◉ Fish Raised are Walleye, Muskellunge, Lake Sturgeon and Trout
- ◉ Have raised and stocked over 5 hundred million and 2.9 million walleye fry and fingerlings since 1960.

WALLEYE HATCHING JARS



WALLEYE FRY



WALLEYE FRY BEING STOCKED



FISH STOCKING



LAKE STURGEON FINGERLING



FISHERIES MANAGEMENT PROGRAM

- ◉ Goal: Conduct studies and surveys necessary to determine the status of the fisheries resources.
- ◉ Studies and surveys include electrofishing, creel surveys, population estimates, hydro-acoustics, gill netting, etc.

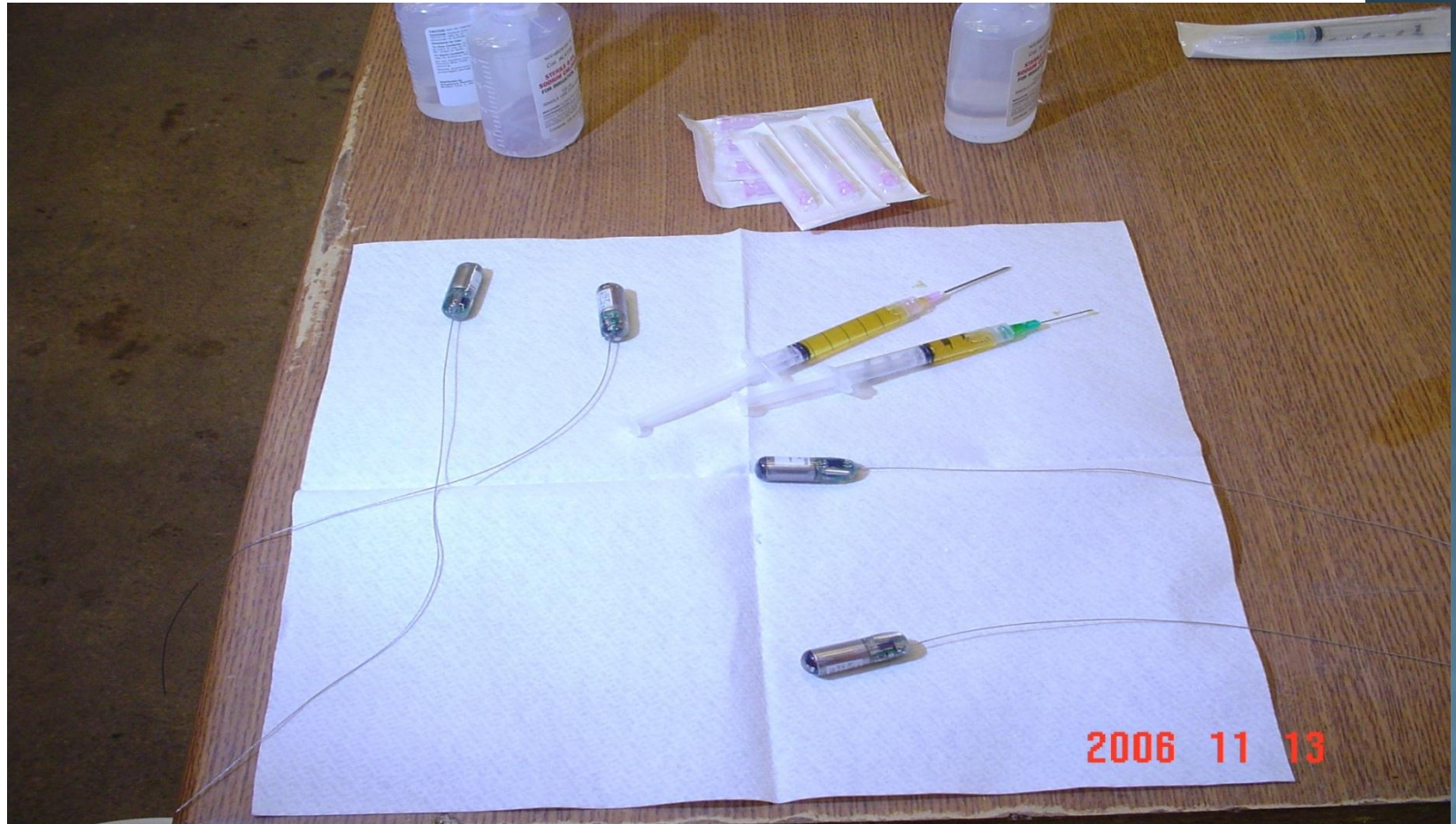
LAKE STURGEON TAGGING



READING A PERSONAL IDENTIFICATION TAG



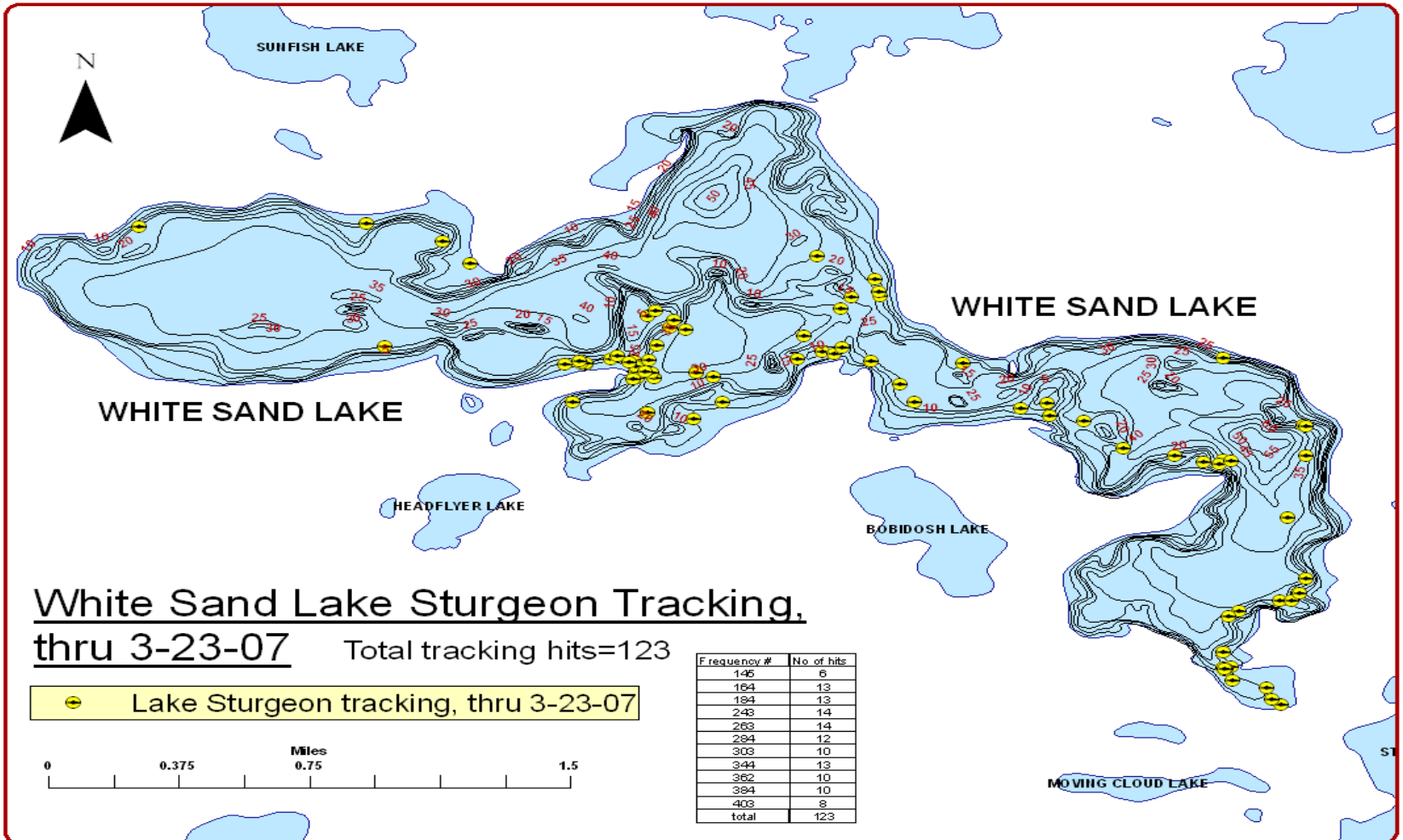
RADIO TAGS - LAKE STURGEON



RADIO TAGS IN STURGEON



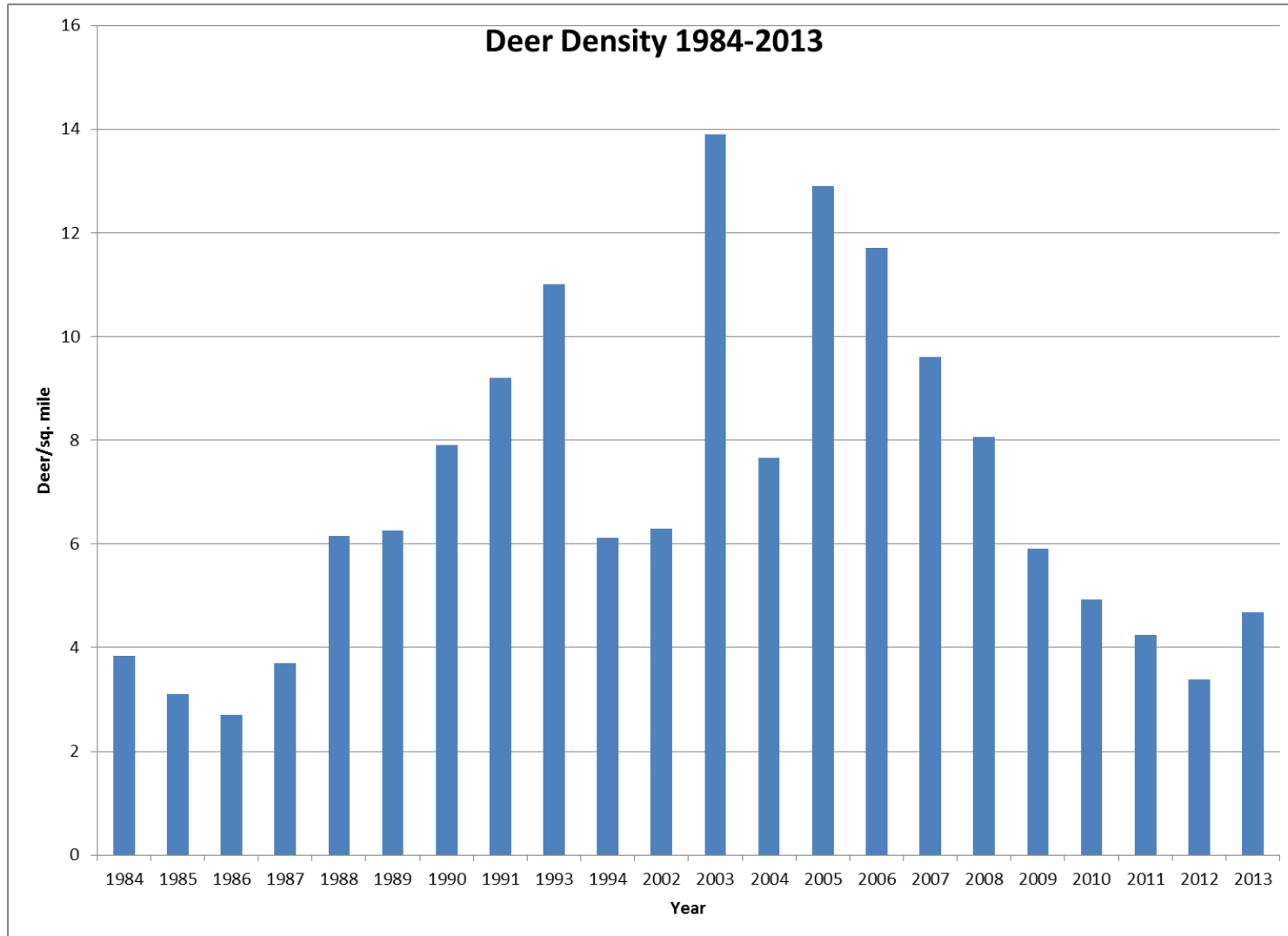
STURGEON TRACKING -WHITE SAND



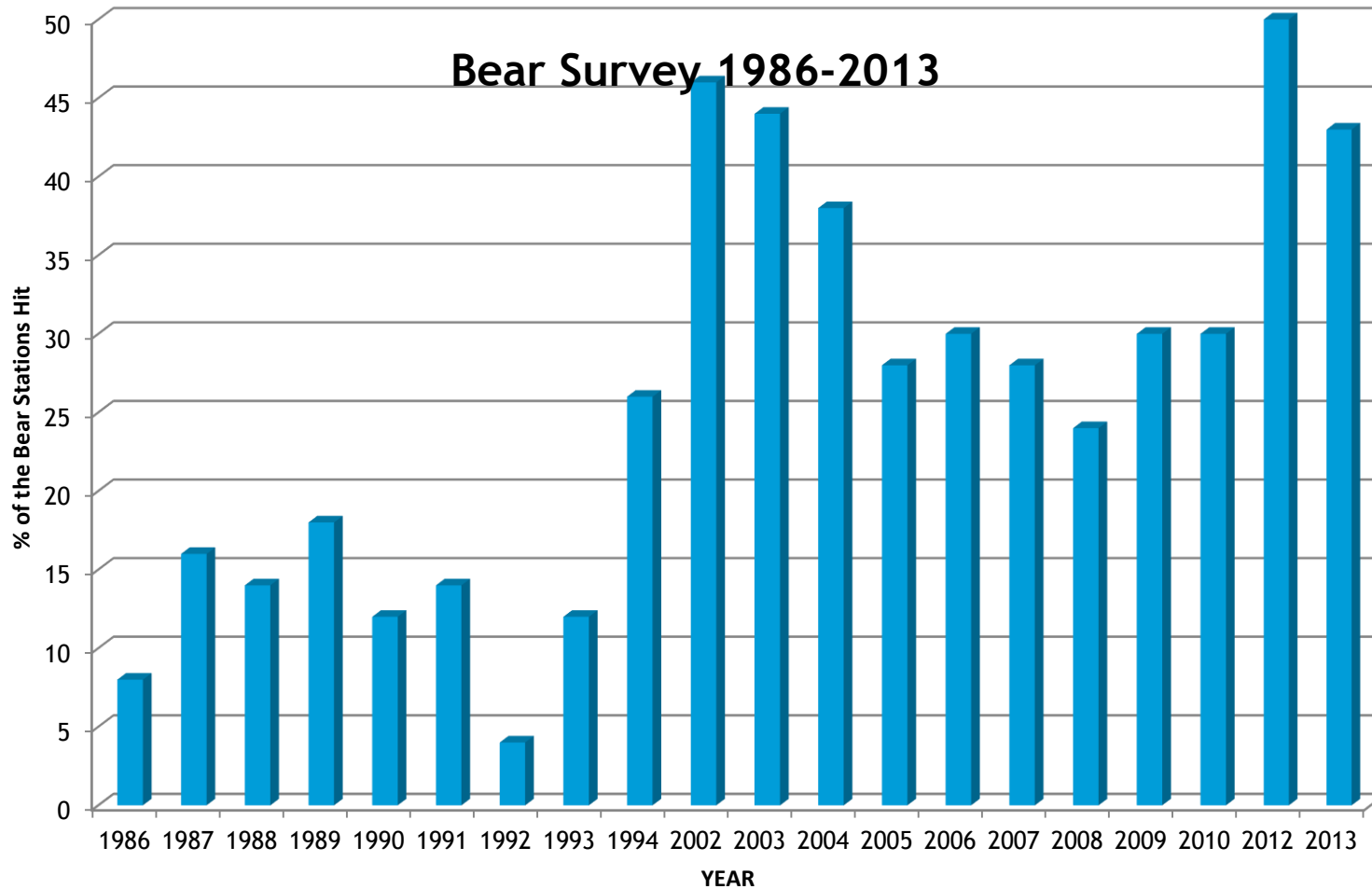
WILDLIFE MANAGEMENT

- ◉ Goal: Conduct studies and surveys to determine the status of the wildlife populations on the reservation.
- ◉ Studies and surveys include deer pellet group survey, bear population survey, grouse, hare, waterfowl and turkey.

DEER DENSITY 1984-2013



BEAR POPULATION ANALYSIS



CONSERVATION LAW

- ◉ Goal: To enforce all Tribal Natural Resource laws, codes and ordinances.
- ◉ Examples: shoreline protection ordinance, boating, snowmobile and A.T.V. ordinances, fish and wildlife codes and water quality standards.
- ◉ Animal Control
- ◉ Emergency Management.

BOATING VIOLATIONS



FORESTRY

- ◉ Goal: To develop and improve timber stands, timber sales and conduct tree planting activities.
- ◉ The Forestry Program is responsible for managing 41,733 acres of land.

FORESTRY/SHORELINE BUFFER.



PARKS AND RECREATION

- Goal: To develop and improve outdoor recreational opportunities for tribal members and visitors.
- Operate and maintain the Tribal Campground
- Implement LDF Parks Plan.

OUTDOOR RECREATION OPPORTUNITIES



ENVIRONMENTAL PROTECTION

- ◉ Goal: To improve the environmental quality of the reservation and to educate the community on these issues.
- ◉ Environmental Response
- ◉ Issues include solid waste, air quality and underground storage tank removal
- ◉ Environmental education materials to include videos, brochures and booklets
- ◉ NEPA Review, Site Assessments, Data Collection and Reporting.

WATER RESOURCE PROGRAM

- ◉ Goal: Conduct studies and surveys on reservation waters and wetlands to set water quality standards and monitor the reservation surface and ground water.
- ◉ Educate the LDF Community on water resource issues.
- ◉ Treatment as a State designation to set water quality standards.
- ◉ Implement the Lake Classification System and associated Federally approved Water Quality Standards

WATER RESOURCE PROGRAM

- ◉ Lake Classification
- ◉ Well Head Protection
- ◉ Shoreline Development and Restoration

COLLECTING FISH FOR HG ANALYSIS



SHORELINE RESTORATION



LAND MANAGEMENT

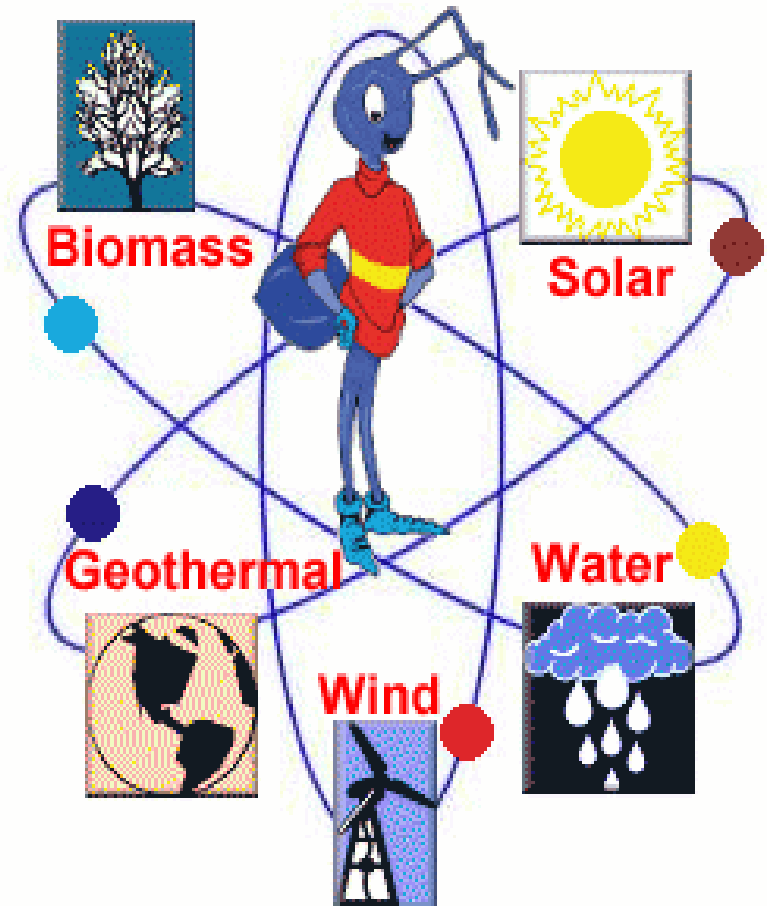
- ◉ Goal: Implement the Land Use Plan and Green Sheet Process which assures compliance with Natural and Cultural Codes and Ordinances.
- ◉ Issues permits for housing, roads and other construction or tribal program projects.
- ◉ Purchases lands and homes on the reservation.
- ◉ Places land into trust.
- ◉ Surveys Reservation Lands.
- ◉ Implements the Leasing Program.

TRIBAL HISTORIC PRESERVATION

- ◉ Goal: Protects and Preserves cultural and traditional sites and artifacts for present and future generations.
- ◉ Conducts Archeological Surveys on reservation lands.
- ◉ Assists the Tribe in complying with Historic Preservation Act and National Environmental Policy Act.
- ◉ Has the same duties and responsibilities as the State Historic Preservation Office.

ALTERNATIVE/CONSERVATION ENERGY PROGRAM

- ◉ Goal: Is to create an Energy Plan for the LDF Reservation that includes conservation and utilization of alternative/renewable energy.
- ◉ Solar, wind, mini-hydro, geothermal and biomass.
- ◉ Develop baseline data on Reservation energy utilization.
- ◉ Determine the potential of alternative/renewable energy for the reservation.



ALTERNATIVE/RENEWABLE ENERGY

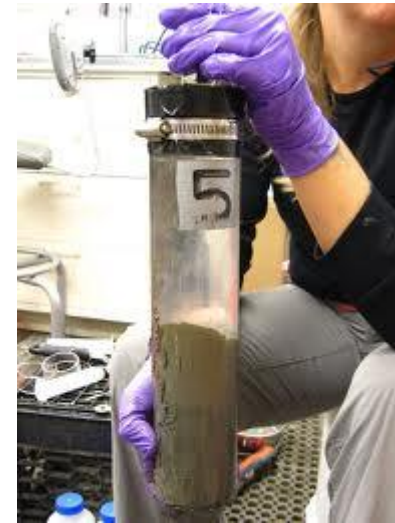


AIR PROGRAM

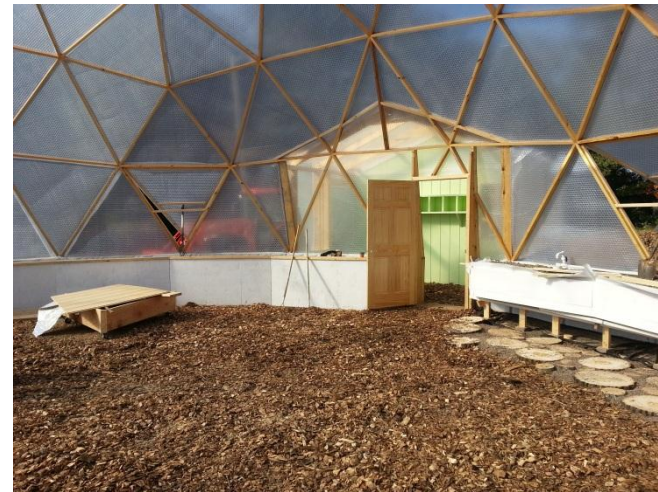
- ⦿ A new program designed to collect baseline air quality data for the reservation.
- ⦿ This program will work closely with the Water Resource, Environmental and Fish and Wildlife Programs to help protect air, land and water resources on the reservation.

GREAT LAKES RESTORATION INITIATIVE

- Wild Rice Restoration
- Core Samples on Reservation Lakes
- Wild Rice Specific Water Samples
- Geo Dome
- Aquaponics



AQUAPONICS/GEO DOME



Some Natural Resource Conflicts/Issues

- 1. Mining**
- 2. Climate Change**
- 3. Energy**
- 4. Shoreline Development**
- 5. Aquatic/Terrestrial Invasive
Species**
- 6. Urban Sprawl**
- 7. Economic
Development/Industrial
Pollution**

Must Encourage!

- 1. Smart Growth**
- 2. Sustainable Development**
- 3. Sustainable Jobs**
- 4. Energy Conservation
Planning**
- 5. Alternative Energy
Development**
- 6. Healthy Fish and Wildlife
Populations**
- 7. Healthy Forest
Ecosystems**
- 8. Clean Water, Land and Air**
- 9. Green Tax Incentives**
- 10. Green Zoning Ordinances**

“THE END”

