# Why build a community facility?

- Community expectations
- Water quality
- Recreation
- Local Government
- Hauler frustrations
- Wastewater treatment issues

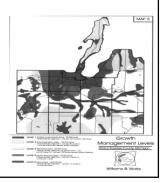
Christopher L. Buday Grand Traverse Count DPW Director <u>cbuday@co.grand-traverse.mi.us</u> (231) 995-6054

- Community expectations
  - Manage growth
  - Better stewards of waste generated in Grand Traverse County



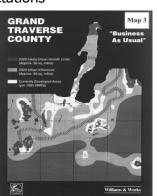
• Community expectations

- Manage growth



• Community expectations

- Manage growth



• Community expectations

 Better stewards of waste generated in Grand Traverse County

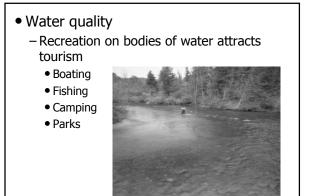
Grand Traverse County (plus Elmwood Twp)
early Septage & Holding Tank Volume by Townsh

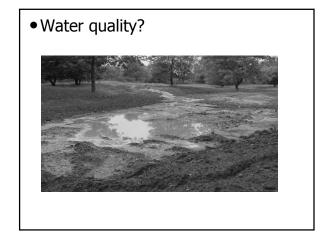
= 100,000 gallons
= 5eptage Amedicary Treating

Holding Tank
Perspect of river factory to the factory of the fact

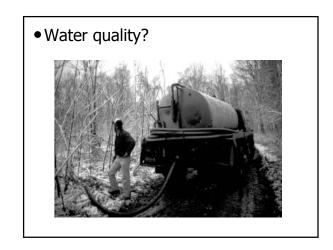
- Water quality
  - Watershed cleaner than National average
    - Surface water used as drinking water source

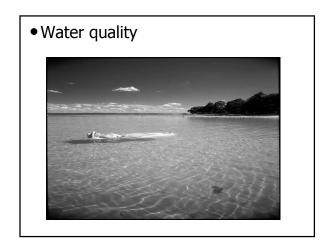


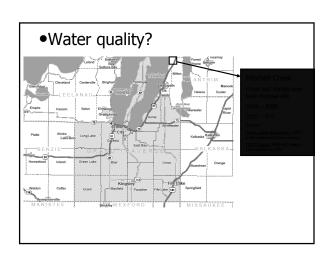


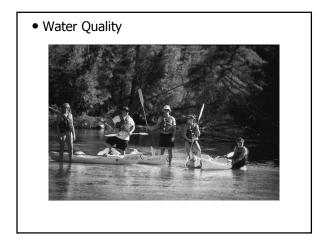




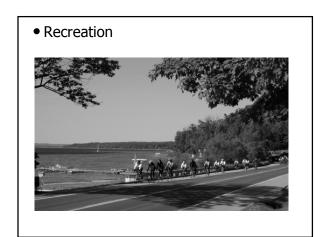




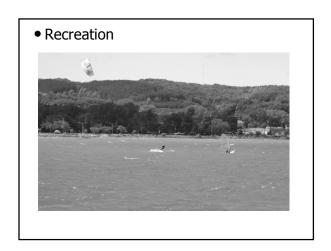














- Local government
  - Regional solutions to waste issues
  - Wastewater treatment issues

### Hauler frustrations

- Land application limited in Winter
- Available land application sites disappearing
- Odor control
- Screening
- Soils management

### Odor and Vector Attractions



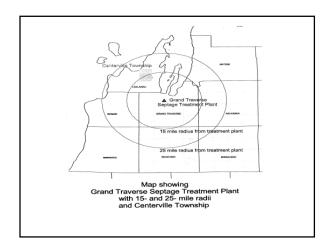
# Odor and Vector Attractions They may pick up living disease pathogens from the untreated waste to untreated to untreated to untreated waste at land application sites Whose residents will then carry it out into the community

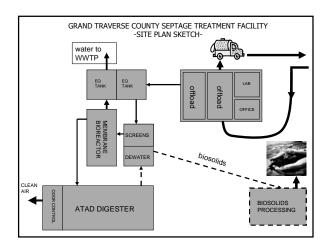
### Wastewater issues

- Reduce impact of grease on wastewater system
- Regional wastewater treatment facility exceeded its capacity in 80's
- Wastewater master plan included improvements to existing wastewater plant and plan to reduce strength of waste

# Local Waste Volumes

TOT	AL GALLONS	TOTAL TO LAND	TOTAL TO WWTP	TOTAL TO GTSTF
2004	18,922,295	no data	no data	no data
2005	19,798,972	10,858,161	6,462,391	3,692,897
2006	17,466,570	7,911,174	9,455,396	5,225,108
2007	incomplete	incomplete	incomplete	5,506,212
l				









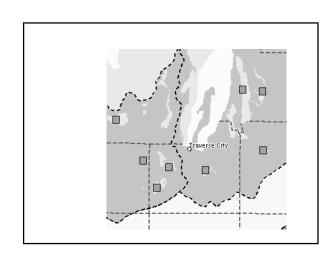
KEEPING WATER CLEAN

### • Eliminate odor

- Odor complaints from land application common
- Local officials inundated with complaints about pets bathing at land application sites Provide practical solution to dwindling land application sites within County

# • Better stewards of waste generated in Grand Traverse County

- Number of land applications sites dwindled to less than 10
- Most of waste pumped from Grand Traverse County land applied in other Counties



# NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT (EXCERPT) Act 451 of 1994

324.11715 Preemption; duty of governmental unit to make available public septage waste treatment facility; posting of surety not required. Sec. 11715.

- Sec. 11715.

  (1) This part does not preempt an ordinance of a governmental unit that prohibits the application of septage waste to land within that governmental unit or otherwise imposes stricter requirements than this part.

  (2) If a governmental unit requires that all septage waste collected in that governmental unit be disposed of in a receiving facility or prohibits, or effectively prohibits, the application of septage waste to land within that governmental unit, the governmental unit shall make available a receiving facility that can lawfully accept all septage waste generated within that governmental unit that is not lawfully applied to land.

  (3) The owner or operator of a receiving facility may require the posting of a surety, including cash in an escrow account or a performance bond, not exceeding \$25,000.00 to dispose of septage waste in the receiving facility.

History: 1994, Act 451, Eff. Mar. 30, 1995 ;-- Am. 2004, Act 381, Imd. Eff. Oct. 12, 2004 Popular Name: Act 451 Popular Name: NREPA