

**Agenda**  
**Health & Human Services Committee**  
**West Olive Administration Building – Board Room**  
**12220 Fillmore Street, West Olive, Michigan 49460**  
**Wednesday, May 11, 2011**  
**8:30 a.m.**

**Consent Items:**

1. Approval of the Agenda.
2. Approval of the Minutes from the April 13, 2011 meeting.

**Action Items:**

None

**Discussion Items:**

3. Beach Sampling Review/Update- Randy Rapp, Environmental Health On-Site Team Supervisor
4. Medical Marihuana/Prescription Drugs (Ottawa Substance Abuse Prevention Coalition "OSAP") - Stephanie VanderKooi, Health Educator
5. Pharmaceutical Pollution - Matthew Allen, Environmental Health Team Supervisor/Solid Waste
6. Department Updates

**Adjournment**

**Comments on the day's business are to be limited to three (3) minutes.**

## HEALTH & HUMAN SERVICES COMMITTEE

### Proposed Minutes

DATE: April 13, 2011

TIME: 8:30 a.m.

PLACE: Fillmore Street Complex

PRESENT: Stu Visser, James Holtrop, Robert Karsten, James Holtvluwer, Greg DeJong

STAFF & GUESTS: Alan Vanderberg, Administrator; Dr. Paul Heidel, Medical Director; Michelle Martin, DHS Director; Sherri Sayles, Deputy Clerk; Lynne Doyle, CMH; Lisa Stefanovsky, Health Officer; Greg Rappleye, Corporate Counsel; Donna Cornwell, Human Services Coordinating Council; Stan Roth; Pam Curtis, Senior Resources Director; Alex Mowery

#### SUBJECT: CONTENT ITEMS

HHS 11-008 Motion: To approve the agenda of today as presented and amended adding Discussion Item 5A – Health Department Licensing for Restaurants and to approve the minutes of the March 9, 2011, meeting as presented.

Moved by: Holtvluwer

UNANIMOUS

#### SUBJECT: DISCUSSION ITEMS

1. Services to Senior Citizens – Stan Roth, Georgetown Township, is an advocate for senior issues in Kent County and addressed the lack of services available for seniors. He went to the Ottawa County website and couldn't find any links to services available. There is a need to look harder at keeping older citizens in their homes. The southeast portion of the county has the largest population but the least amount of services for the elderly. Kent County has had a millage since 1996. Mr. Roth asked the committee if the county would explore this option for Ottawa.
2. Update from Senior Resources – Pam Curtis, Director of Senior Resources of West Michigan, confirmed Mr. Roth's concerns. Senior Resources has a 500 person waiting list for services today. Homebound seniors are the primary focus and there is no funding for active seniors. Cuts from the state have occurred over the last three years. The state and federal government are not prepared for the senior population. Services are not adequate now and are only going

to get worse. Pam stated Senior Resources is willing to work with the county on a millage.

Mr. Holtrop asked the Administrator to have a link to Senior Resources made available on the county website. Donna Cornwell will contact the United Way to see if they would be willing to address this issue and do an analysis and then report back to this committee.

3. County Health Rankings – Lisa Stefanovsky reported the Health Department ranked #1 among all the counties in Michigan in the overall health of the citizens. Michigan ranked 30<sup>th</sup> in the U.S.
4. Health Department Food Licenses – Greg DeJong was questioned why the 2012 invoices have gone out so far in advance. Lisa Stefanovsky stated the licenses are due every year in April. She is going to check on the mandate and get back with Commissioner DeJong.
5. Department Updates –

Department of Human Services – Michelle Martin reported on food assistance for college student. Prior to April 1<sup>st</sup>, Ottawa County had 3,176 college student receiving food assistant. On April 1<sup>st</sup>, 2,390 of those cases were closed. 786 college students are still receiving food benefits based on the established criteria.

Community Mental Health – Lynne Doyle reported the CMH accreditation was last week and everything went really well. The Department of Community Health is coming in at the end of this month.

Health Department – Dr. Heidel reported the fastest growing specialty field is gerontology.

Human Services Coordinating Council – Donna Cornwell presented a brief update.

SUBJECT: ADJOURNMENT

HHS 11-009 Motion: To adjourn at 9:55 a.m.  
Moved by: Karsten

UNANIMOUS

# Pharma Pollution

Matt Allen

Solid Waste Program Team Leader  
Ottawa County Health Department

# Why Collect Pharmaceuticals

- Prevent accidental poisoning and ingestion
- Prevent abuse
- Remove from waste stream and environment
- Once in wastewater they can be difficult to remove

Awtumn Minnema, 2 years old





# Awtumn Minnema

- Ingested her grandfathers anti-psychotic drugs
- Found dead the next day
- Grand Rapids, MI 11/15/2010
- **Toxicology Report Shows Toddler Likely Died of Accidental Prescription Drug Overdose...Chicago Tribune.**

# What happens when drugs enter the environment

- Endocrine disruption

Endocrine system regulates growth and maturity of animals

- Male fish exhibiting “feminization”
- Antibiotic resistant bacteria



# Endocrine Disruption



# Feminization of Male Fish

- Male Fish Producing Eggs in Potomac River ... National Geographic, 2004
  - First sample 42%, second sample 79% of male fish showed sexual abnormalities.
  - Same article-studied three rivers in the Denver area, all three had reproductive abnormalities downstream from the effluent discharge
- Also seen in England

# What about here

- USGS study 1998-2005, Michigan only
- Sampled statewide
- As expected, large rivers at end of their watershed showed majority of contaminants
- Grand River at Eastmanville- 9 of 10 samples had pharmaceuticals- 2 met/exceeded RL
- Kalamazoo River at New Richmond- 7 of 11 samples had pharmaceuticals- 2 met/exceeded RL



# USGS study...

- Did not test for some of the more common prescriptions
- Also tested for antibiotics and waste-water compounds

# Sales of medication

- OTC drug sales have risen 60% since the 1990's
- 3.4 **Billion** prescriptions were written in 2006
- 3.9 **Billion** prescriptions were filled in 2009



# Household Medication Disposal Program

- Continuous
- OCHD accepts meds at 3 locations- Holland, Grand Haven, Hudsonville
- Special one day collection events
- Free
- Cannot knowingly accept controlled substances
- Used daily by residents

# Special Pharmaceutical Collection Event

- September 25, 2010
- Must have law enforcement on site
- MUST register with the DEA for every single day event
- Located at Holland OCHD office
- Past collections at Holland and Grand Haven

# Partners

- Holland BPW
- Skips Pharmacy-Holland
- Sheriffs Department
- Ottawa Substance Abuse Program (OSAP)
- Volunteers



# Non-Controlled Substances



# Controlled Substances





# Impact

- Three 55 gallon drums of medications
- Approximately 600 pounds of non-controlled substances sent for incineration
- 25-30 pounds of controlled substances
- Served approximately 230 individuals
- Also accepted veterinary medications
- Pharmacist valued collection at \$100,000

# Going Forward

- Grant from the MDA for pharmaceutical disposal
- Use Kent County Waste to Energy facility
- Expand program to area pharmacies/law enforcement locations
- Outreach to Hospice, nursing homes, home health businesses and dr.'s offices
- Look at alternatives to disposal

# Questions?

- Matt Allen
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- 616-494-5569