“Effects of the Oil Patch on Western North Dakota”

Kenan Bullinger
North Dakota Department of Health
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North Dakota Challenges

- Housing and infrastructure
- Resource protection
  – Ground water
  – Surface water
- Resource conservation
  – Land and wildlife

Planning for the Future

- Housing
- Lagoons
- Workforce
- Energy needs
- Population
- Medical
- Law enforcement
- Revenue increase

Public Health Concerns

- Many oil field workers/families are homeless
- Clinic/hospital staff shortage
- Unable to keep up on immunizations
- 70% of patients seen are uninsured
- 50% of population do not have a primary care provider
- Long term care facilities losing staff – reducing numbers of residences they can care for

Public Health Concerns

- Elderly residents relocating to eastern North Dakota
- Increase in STD’s and prostitution
- Suicide rates/attempts on the increase
- Double hotel occupancy
- Depleted food pantries
- Increase in bullying in schools
- Increased homeless

Public Health Concerns

- Increase in births – many no previous care
- Increase in MRSA
- Substantial increase in mental health issues
- Increase in drugs/alcohol
- Increase in domestic violence
- Lack of affordable housing
  – Williston rent increased from $500/month in 2005 to $2400/month in 2012
Environmental Health Concerns

- Water
- Wastewater
- Solid waste
- Air quality
- Food and lodging

Food and Lodging

- Man camps
- RV parks/mobile home parks
- Hotels/motels
- Mobile food vendors
- Restaurants
- FEMA trailers

Definitions

- Lodging Establishments (NDCC 23-09)
  - Includes every building or structure, or any part thereof, which is kept, used, maintained, or held out to the public as a place where sleeping accommodations are furnished for pay to transient guests.

- Crew Camp (protocol)
  - Temporary workforce lodging establishment, new or used, constructed with the intention of providing temporary workforce housing over a period of time
  - can be relocatable
  - May include dormitories, showers, and bathrooms, commercial kitchens with meal service, housekeeping/laundry service and recreational areas.

Definitions

- Mobile Home Park/Trailer Park/Campground (NDCC 23-10)
  - Mobile home – relocatable structure or unit which is designed to be used as living quarters (includes modular)
  - Mobile home park – parcel of land containing 3 or more lots intended for occupancy by mobile homes
  - Trailer (RV) – portable unit used as a temporary dwelling for travel or recreational purposes
  - Trailer (RV) park – parcel of land containing 3 or more lots intended for occupancy by travel trailers

How to Get Licensed

- First! Local planning and zoning approval
- Submit water and wastewater permit application and plans for approval (up to 6 week or more turn-around time)
  - <25 people – contact local public health unit
  - >25 people – contact ND Department of Health/Municipal Facilities (engineering firm required)
- Submit plans of layout to Division of Food and Lodging (10 day turn-around time)
- Schedule preoperational inspection with Food and Lodging within 30 days of operation
- Complete license application and pay license fee
License Prerequisites

• Copy of signed septic permit and/or approval letter
• Verification of approved septic hauler if pumping (max occupancy is 100 people)
• Copy of ND State Electrical Board electrical wiring certificate
• Copy of ND State Plumbing Board certificate (if applicable)

License Prerequisites

• Verification of licensed water line and septic installer (if applicable)
• Verification of satisfactory water testing results if using a private well
• Verification of approved water hauler if hauling potable water.

Food and Lodging Issues

• Increase in complaints/investigations
• Increase in plan review
• Shortage of service workers/high turnover
• Shortage of RV dump stations
• Shortage of septic pumpers

Food and Lodging Issues

• RV winter issues
  – Frozen pipes
  – Fire hazards
• FEMA trailers used as temporary housing
• Routine inspections falling behind

Addressing Food and Lodging Issues

• Forced improved communications with other state/local agencies
• Added an additional FTE
• Cooperative working agreements with local health departments/units

Western ND Workforce Lodging by Establishment Type
Western ND Hotels/Motels

N = 85
Est. Total Occupancy 2,291
(24 missing occ. data)

Western ND Crew Camps

N = 118
Est. Total Occupancy 14,305
(11 missing occ. data)

Western ND Mobile Home Parks

N = 196
Est. Total Lots 8,071
(50 missing lot data)

Western ND RV Parks/Campgrounds

N = 206
Est. Total Lots 1,204
(31 missing lot data)
Not Acceptable

Contact Information
Kenan Bullinger
Division of Food and Lodging
ND Department of Health
701.328.1292
kbulling@nd.gov
Questions?