STATE HOSPITAL BED CAPACITY, UTILIZATION, AND CURRENT BUILDING USE

Acute Psychiatric Treatment Committee
Representative Jon Nelson, Chair
October 25, 2021

Rosalie Etherington, Chief Clinics Officer/NDSH Superintendent
Acute inpatient services
Subacute inpatient services
Rehabilitative inpatient services
Specialized residential services
Specialized outpatient services
NORTH DAKOTA STATE HOSPITAL
INPATIENT SERVICES

**Acute**
- Jamestown region
- Devils Lake region
- Jail settings

**Subacute**
- Hospital transfers

**Specialized**
- Psychiatric Rehabilitation
- Forensic Assessment
- Restoration Treatment
NORTH DAKOTA STATE HOSPITAL
SPECIALIZED RESIDENTIAL AND OUTPATIENT SERVICES

Residential
- SUD Treatment
- Sex Offender Treatment
- Transitional Living

Outpatient
- SUD Day Treatment
- Adult forensic assessment
- Youth forensic assessment
- Restoration Treatment
NORTH DAKOTA STATE HOSPITAL
HOSPITAL AND RESIDENTIAL ADMISSION TYPES
Meet Sean

- 27-year-old jail resident
- Starved self over series of months
- Came to NDSH at 100 pounds
- Extreme state of dehydration
- Acute liver injury
- Muscle atrophy
- Refusing food and water
- Severe bed sores
- Unbathed and feces covered
- NDSH initiated tube feeding
- Emergency guardian sought
- Bed side observation initiated
- Periodic restraint to prevent harm
- Antipsychotic medications prescribed
- Months to restore stability and weight
Meet Adam

• 24-year-old college male
• Becomes reclusive and paranoid
• Became religiously preoccupied
• 12-hour stand-off with police
• Bizarre behaviors led to hospital
• 2-year rehabilitative hospitalization
• 2:1 to prevent assaults
• Periods of waxy catatonia
• 8 failed antipsychotic medication trials
• 9th medication trial and ECT successful

• Living independently
• Works full time
Meet Sherry

• 38-year-old female with full guardian
• Experiences personality and mood disorder
• Experienced 48 periods of hospitalization
• 263 assaults against hospital staff
• Periodically lives independently
• Residential placements have all failed
• Currently serving jail sentence for assault
• New charges for assault against police
• Admitted to NDSH and jail refuses return
• Restoration to competency treatment
• Mood stabilizing medications prescribed

“You need to take your patient now”

Private hospital CEO
COMPLEX CARE NEEDS
MEET MARY

- 74-year-old woman with life-long schizophrenia
- Lived on her own with assistance
- Symptoms worsened with age
- Alcohol use worsened
- Hospitalized at NDSH
- NDSH diagnosed terminal cancer
- Treated and discharged with supports
- Hospice initiated and then refused services
- Re-hospitalized at NDSH
- Nursing homes refuse care
- Hospice refuses care
NORTH DAKOTA STATE HOSPITAL
INPATIENT SNAPSHOT

INPATIENT SETTING

Rehab Patient

Geropsychiatric Patient

Acute Patient

Restore to Competency Patient

Jail Patient
RESIDENTIAL SETTING

Sex Offender Resident

SUD Residential Client

Transitional Living Client
FUTURE CAPACITY AND UTILIZATION NEEDS
STATE EFFORTS TO REDUCE STATE HOSPITAL DEMAND

- Screening for all state hospital admissions
- Community service expansion
- Intensive community treatment expansion
- Robust statewide crisis system developed
- SUD residential service expansion
- Contract for local private hospital beds
- Geropsychiatric skills nursing facilities
- Tele-forensic assessments
FUTURE CAPACITY AND UTILIZATION NEEDS
DEMANDS FOR STATE HOSPITAL SERVICES INCREASING

• Psychiatric hospital beds full statewide
• Daily emergency department psychiatric diversion
• Monthly complaints requesting cancellation of discharges
• Record high court ordered services
• Repeated requests for adolescent admissions
• Increased hospitalization of jail residents
• Critical healthcare worker shortages
A NEW TREATMENT CAMPUS

Safer
More Efficient
Better Care
Lahaug Building

(Continued Use)

Building Summary

• Mental Health Program
• 132,369 sq ft
• Year: 1984
• Immediate Deferred Maintenance = $16.5M
  ✓ Electrical infrastructure
  ✓ Hot water distribution system
  ✓ Exterior doors & security system
  ✓ Environmental control systems

- Asbestos Yes
- Lead Paint No
Building Summary

- Addiction Treatment, Vocation
- 72,524 sq ft
- Year: 1968
- Immediate Deferred Maintenance = $6.75M
  - Electrical distribution systems
  - Roofs, windows, exterior shell
  - HVAC systems
  - Environmental control systems

- Asbestos: Yes
- Lead Paint: Yes
GM Building

(Continued Use)

Building Summary

• Sex Offender Housing
• 86,670 sq ft
• Year: 1956
• Immediate Deferred Maintenance = $10.25M
  ✓ Steam system infrastructure
  ✓ Hot & cold-water distribution
  ✓ Steam converter system
  ✓ Environmental control systems
  ✓ HVAC-Unit ventilator systems
  ✓ Fire alarm system

• Asbestos  Yes
• Lead Paint  Yes
Building Summary

- Residences, 7 total
- 22,784 sq ft total
- Years: 1954, 1957
- Immediate Deferred Maintenance = $160K
  - HVAC systems
  - Plumbing systems
  - Interior finishes

- Asbestos: Yes
- Lead Paint: Yes
Swimming Pool

(Continued Use)

Building Summary

- Swimming Pool
- 6,800 sq ft
- Year: 1967
- Immediate Deferred Maintenance = $1.94M
  - Steam distribution system
  - Pool ventilation system
  - Pool water/filter systems
  - Roofs, windows, exterior shell
  - Environmental control systems

- Asbestos Yes
- Lead Paint Yes
Learning Resource Center

Building Summary

- Patient Programming, Staff Spaces
- 40,800 sq ft
- Year: 1916
- Immediate Deferred Maintenance = $5.25M
  - Steam distribution systems
  - HVAC systems
  - Chilled water distribution
  - Roofs, windows, exterior shell
  - Environmental control systems

- Asbestos: Yes
- Lead Paint: Yes
16 West

(Continued Use)

Building Summary

- Plant Services Department
- 39,990 sq ft
- Year: 1930
- Immediate Deferred Maintenance = $6.32M
  - Steam system infrastructure
  - Hot & cold-water distribution
  - Sanitary Sewer
  - Steam converter system
  - Environmental control systems
  - Windows & doors
  - Fire sprinkler system

- Asbestos Yes
- Lead Paint Yes
Administration Building (Demolition)

Building Summary

• Unoccupied
• 24,675 sq ft
• Year: 1916
• Immediate Deferred Maintenance = $3.0M

✓ Demolition of building. All building systems need significant upgrades that are cost prohibitive (electrical, heating, mechanical, roofs, windows, exterior shell and life safety systems)

- Asbestos  Yes
- Lead Paint  Yes
EMPLOYEES Building

(Demolition)

Building Summary

- Vacant building
- 35,345 sq ft
- Year: 1952
- Estimated Deferred Maintenance = $1.06M

- Asbestos Yes
- Lead Paint Yes
All Faiths Church

(Demolition)

Building Summary
• Unoccupied
• 13,140 sq ft
• Year: 1961

✓ Demolition of building. All building systems need significant upgrades that are cost prohibitive (electrical, heating, mechanical, roofs, windows, exterior shell, ADA accessibility, and life safety systems)

• Asbestos Yes
• Lead Paint Yes
**Old Dairy Barn**
- Building Summary
  - Cold storage
  - 26,720 sq ft total
  - Years: 1925
- Asbestos: Yes
- Lead Paint: Yes

**Water Treatment**
- Building Summary
  - Mason Shop
  - 7,600 sq ft total
  - Years: Unknown
- Asbestos: Yes
- Lead Paint: Yes

**White Warehouse**
- Building Summary
  - Cold storage
  - 6,200 sq ft total
  - Years: 1929
- Asbestos: Yes
- Lead Paint: Yes
Additional Buildings

Implement Shed

- Cold storage
- 5,370 sq ft total
- Years: 1926
- Asbestos: Yes
- Lead Paint: Yes

Motor Vehicle Maintenance Shop

- Maintenance shop
- 4,650 sq ft total
- Years: 1949
- Asbestos: Yes
- Lead Paint: Yes

Grounds Department

- Grounds department
- 3,200 sq ft total
- Years: 1956
- Asbestos: No
- Lead Paint: Yes
Additional Buildings (Continued Use)

Rec. Quonset
- Cold storage
- 3,030 sq ft total
- Years: 1965

Ground Department Warehouse
- Cold storage
- 2,755 sq ft total
- Years: 1917

- Asbestos: No
- Lead Paint: Yes

Greenhouse
- Cold storage
- 1,800 sq ft total
- Years: 1984
Additional Buildings

Electrical Substation

Building Summary
- Main electrical substation for campus, houses generator as well
- 1,800 sq ft total
- Years: 1984

Pump House

Building Summary
- Domestic water pressure pumping station for city water
- 1,376 sq ft total
- Asbestos: Yes
- Lead Paint: Yes

Sewage Lift Station

Building Summary
- Sanitary sewer lift station to link up with city wastewater treatment system piping
- 800 sq ft total
- Years: 1958
- Asbestos: Yes
- Lead Paint: Yes
Additional Buildings

(Continued Use)

Building Summary

Power Plant Smokestack

- Smokestack for central heating plant
- No sq ft total
- Years: 1981 (stack)

Garages

Building Summary

- Two double garages
- 1360 sq ft total
- Years: 1957, 1988

Supt.'s House

Building Summary

- Historical home
- 3900 sq ft total
- Years: 1917
- Asbestos: Yes
- Lead Paint: Yes
Campus Infrastructure (Continued Use)

Water Tower
- Unused
- Poses a safety and risk liability and should be taken down

Hard Surfaces
- The campus has numerous driveways, parking lots, sidewalks, and building connectors.
- Require upkeep for safety and accessibility

Tunnel Connectors
- Most buildings in the NDSH campus and even the adjacent JRCC have tunnels
- A large amount of traffic is seen daily
- Often include heating, electrical, security infrastructure run along ceiling or walls
- Asbestos: Yes

Building Summary
- Unused
- Poses a safety and risk liability and should be taken down
Campus Infrastructure (Continued Use)

Campus Electrical Distribution

Building Summary

- Electrical service for campus varies from original to the last decade
- Majority is aged
- Major changes to building usage could require updating system & layout

Steam Distribution

Building Summary

- All heating is distributed to the buildings via steam piping and then returned to the heating plant for reheating
- Majority is aged
- Major changes to building usage could require updating system & layout

Sanitary Sewer System

Building Summary

- Sanitary sewer lift station to link up with city waste water treatment system piping
- Major changes to building usage could require updating system & layout
NDSH CEMETERY

Summary

- NDSH Maintains Two Patient Cemeteries
- Year: Pre 1900
- One remains open to burials
THANK YOU