

## **SCOTT COUNTY BOARD OF HEALTH**

### **REGULAR MEETING**

**12:00 NOON**

**June 15, 2006**

MEETING HELD AT: Scott County Administrative Center  
428 Western Avenue  
1<sup>st</sup> Floor  
Board Room  
Davenport, Iowa 52801

ROLL CALL: Dr. Keppy, Mrs. Coiner, Dr. Hanson, Dr. O'Donnell, Dr. Garvin

STAFF: Carol Schnyder, Denny Coon, Larry Linnenbrink, Lindee Rice, Roma Taylor, Amy Thoreson, Teri Arnold, Sara Strell, Tracie Bernhard, Kerri Esbaum, Leslie Spillers, Jackie Hall

OTHERS: Matthew White

Dr. Keppy, Chairman, called the meeting to order at 12:00 Noon. The Recording Secretary took the roll call. All members were present with the exception of Dr. Garvin, who arrived at 12:08 p.m.

Mrs. Coiner moved to approve the agenda as amended. Motion seconded by Dr. Hanson. Motion carried unanimously.

Mrs. Coiner moved to approve the minutes of the May 17, 2006, Board Meeting. Motion seconded by Dr. O'Donnell. Motion carried unanimously.

The following reports were reviewed and discussed by the Board:

1. Director's Report of May – June, 2006, activities.

Carol Schnyder introduced new employees to the Board: Leslie Spillers, Correctional Health Nurse and Kerri Esbaum, Summer Intern.

Carol Schnyder recognized employees for their anniversary for years of service:

- Sara Strell – 1 year
- Tracie Bernhard – 2 years
- Nicole Flowers – 5 years
- Michele Freitag – 7 years

Roma Taylor gave an update to the Board on the Mumps cases in Iowa. As of the end of May, we have had 98 cases reported. The Iowa Department of Public Health will be picking up 600 doses to be shipped to Massachusetts where they are having a large Measles outbreak.

2. Core Public Health Activity Report for the month of May, 2006.
3. Budget Report for the month of May, 2006.

Following discussion, Dr. Hanson moved to approve the claims. Motion seconded by Mrs. Coiner. Motion carried unanimously.

4. Scott County Kids Report.
5. Maternal & Child Health Program and Tobacco Use Prevention Program Report for the month of May, 2006.
6. Public Health Preparedness Report for the month of May, 2006.

Dr. Garvin moved to approve all the reports. Motion seconded by Dr. Hanson. Motion carried unanimously.

Dr. Keppy asked for Public Comment. There was no one present who wished to make any comments.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the FY'07 Radon Grant Application and Contract and subsequent amendments. Motion seconded by Mrs. Coiner. Motion carried unanimously.

Following discussion, Mrs. Coiner moved to approve and authorize the Chairman to sign the FY'07 Breast & Cervical Cancer Early Detection Program Contract with the Iowa Department of Public Health and subsequent subcontract and amendments. Motion seconded by Dr. Hanson. Motion carried unanimously.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the Health Department Medical Director Agreement for Scott County Health Department for FY'07. Motion seconded by Dr. O'Donnell. Motion carried unanimously.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the Medical Director for the Scott County Emergency Medical Services-Physicians Advisory Board Agreement for FY'07. Motion seconded by Mrs. Coiner. Motion carried unanimously.

Following discussion, Mrs. Coiner moved to approve and authorize the Chairman to sign the Chief Medical Officer for Scott County Correctional Health Services

Agreement FY'07 through FY'09. Motion seconded by Dr. Garvin. Motion carried unanimously.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the Authorized Agency Agreements for FY'07:

1. Buffalo Volunteer Ambulance Service, Inc. - \$22,650.00 + \$10,000.00
2. Durant Volunteer Ambulance Service, Inc. - \$20,000.00

Motion seconded by Mrs. Coiner. Motion carried unanimously.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the Agreement with the Scott County Humane Society for the Animal Shelter/Control Program - \$29,762.00 and Animal Bite Follow-up - \$11,158.00 for FY'07. Motion seconded by Dr. O'Donnell. Motion carried unanimously.

Following discussion, Mrs. Coiner moved to approve and authorize the Director to sign the Agreement for Public Water Supply Monitoring Services with Deer Valley Homeowners Association. Motion seconded by Dr. Hanson. Motion carried unanimously.

At 12:30 p.m., Dr. Keppy opened discussion on the variance request. Larry Linnenbrink prefaced the discussion by recapping the request: Matthew White is requesting a variance for the installation of Geothermal Wells within 100 feet of existing sewage treatment trenches at 9480 New Liberty Road, Walcott, Iowa 52773. The Scott County Health Department received a letter from Matthew White requesting a variance to install geothermal heat pump loop wells at the above mentioned property within 50 feet of his neighbor sewage system to the west, 90 feet from his neighbor sewage system to the east, and 60 feet from his own sewage system trenches. Scott County Ordinance 24 entitled Non-Public Water Well Supply requires that all wells installed in Scott County shall have a separation distance of 100 feet from any private sewage system's trench lines to a water well. All three sewage systems on these properties are functioning properly and were permitted and inspected by the Scott County Health Department in 1993.

Geothermal well installation does not utilize water from the well and there is no cone of depression around the well that would draw water toward the well. The geothermal wells will be drilled approximately 150 feet deep and 6 inches in diameter. Closed loop pipes will be installed in the borehole and the borehole will be filled with bentonite grout. The closed loop pipes are used for the recirculation of the transfer liquid that is pumped through the system to heat or cool the fluid from the soil and rock which maintains a temperature at 50 degrees Fahrenheit. The transfer fluid is approved by the National Sanitation Foundation.

Staff has spoken with Paul Van Dorpe, Research Geologist, with Iowa Department of Natural Resources, Geological Survey Bureau, who is the chairperson of a committee formed by the Iowa Department of Natural Resources to rewrite the section of

the Iowa Administrative Rules (IAC) Chapter 49, entitled Water Wells, which deals with Geothermal Wells. The committee has reviewed the section on Geothermal Wells and has agreed to reduce the separation distance from 100 feet to 50 feet from a geothermal well to septic system trenches. Mr. Van Drope reviewed three well log strips that were on previous drilled wells within 1000 feet of this site. The well log strips indicated that there is 15 feet of clay loess which over lays a very dense glacial till to the top of the bedrock. Mr. Van Drope stated that with the information submitted to him and researching the well log strips, he would recommend the issuing of the variance to Mr. White to construct and install the geothermal wells on his property

In considering Mr. White appeal, the following facts are pertinent in this case:

1. The existing private sewage systems were permitted and inspected by the Scott County Health Department in 1993.
2. The three existing private sewage systems are functioning properly.
3. No water will be pumped from the wells and no cone of depression will draw water toward the wells.
4. The Iowa Department of Natural Resources committee members are recommending changes to the distance requirements of geothermal wells to septic trenches.
5. Existing well logs indicate 15 feet of clay loess which overlay a very dense glacial till to the top of the bedrock.
6. The wells will be filled with bentonite grout to protect the aquifer.
7. This is an existing lot of record.

The Board of Health has the following options:

1. Grant the variance for the installation of geothermal wells.
2. Deny the variance.

Health Department staff recommends that, the Board grant the variance in accordance with option 1 subject to the following provisions:

1. Confirmation that the geothermal wells construction be between 50 feet and 90 feet from the sewage system trenches.
2. An instrument stating the provisions of this variance shall be recorded on the abstract of this property, with a copy provided to the Scott County Health Department.

Following discussion, Mrs. Coiner moved to approve the variance request to Scott County Ordinance 24 entitled Non-Public Water Well Supply -9480 New Liberty Road, Walcott. Motion seconded by Dr. Hanson. Motion carried unanimously.

Following discussion, Dr. Hanson moved to approve and authorize the Director to sign the Agreement for Public Water Supply Monitoring Services with Timber Lakes Homeowners Association. Motion seconded by Dr. Garvin. Motion carried

unanimously.

Following discussion, Dr. Garvin moved to approve and authorize the Chairman to sign the FY'05 through FY'07 Memorandum of Understanding Amendment between the Iowa Department of Public Health and the Scott County Board of Health, delegating inspection and enforcement authority to the Board of Health with respect to tattoo establishments, tanning facilities and swimming pools & spas. Motion seconded by Dr. O'Donnell. Motion carried unanimously.

Following discussion, Dr. Hanson moved to approve and authorize the Chairman to sign the Scott County Medical Examiner Autopsy Transportation Agreement FY'07. Motion seconded by Mrs. Coiner. Motion carried unanimously.

The next Board Meeting will be July 20, 2006.

There being no further business before the Board, the meeting adjourned at 12:46 p.m.

Respectfully submitted,

Teri Arnold  
Recording Secretary